

## APPENDIX B

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### COATINGS ANALYSIS

CWF Varnish  
350 g/l and less

Samples 58

| Coating Company,<br>Product Name,<br>Components                                  | Interior<br>Exterior | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal) | Recommended substrate/<br>exposure                                           | Coating Characteristics                                                    | Drying time                      |
|----------------------------------------------------------------------------------|----------------------|-----------------------|-------------------------|-------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|
| BonaKemi,<br>BonaTech Traffic                                                    | I                    | 350                   | 34                      | N/A                     | Commercial/institutional/residential hardwood<br>floors                      | Durable, nonflammable, fast-drying, abrasion resistant                     | 2-3 hrs                          |
| Deft,<br>Defthane Polyurethane Varnish                                           | I/E                  | 350                   | 44                      | 500-600 @ 3 mil         | Furniture, floors, doors, cabinets                                           | N/A                                                                        | 1 hr touch, 8-10 hrs recoat      |
| Valspar (McCloskey),<br>Man O' War Marine Spar Varnish 6501                      | E                    | 350                   | 56                      | 450-550 @ 3 mils        | Wood doors, trim, window sills, outdoor<br>furniture, railings, wooden boats | UV resistant, resists cracking, peeling                                    | 8-10 hrs touch,<br>24 hrs recoat |
| Valspar (McCloskey),<br>Heirloom Stain and Finish                                | I                    | 350                   | 27                      | 400-500                 | Furniture, cabinets, doors, paneling, trim                                   | Full brushability, heavy film build                                        | 30 min touch<br>1-2 hrs recoat   |
| Vista Paints,<br>105 Gloss Varnish                                               | I/E                  | 336                   | 56                      | 400-500                 | Doors, trim, furniture, cabinets                                             | Durable, water stain resistant                                             | 4 hrs touch<br>24 hrs recoat     |
| Griggs Paint,<br>TT-V-119D Spar Varnish                                          | E                    | 334                   | N/A                     | N/A                     | Wood surfaces                                                                | Water, mildew resistant                                                    | 8 hours                          |
| Multi-Clean,<br>Final Floor                                                      | I                    | 340                   | 28                      | 800-1,000               | Wood floors                                                                  | Tough, scuff/mark resistant                                                | 2 hrs recoat                     |
| Spectra Tone (Yukon Finishes),<br>Wood Shield Film Forming Gloss Finish #2650    | E                    | 313                   | 61                      | 200-250                 | Cedar, redwood, log & timber homes, wood<br>sidings, fences                  | UV, water, mildew resistant, resists cracking, peeling                     | 6 hrs touch,<br>24 hrs recoat    |
| J.E. Mosers,<br>Waterborne Urethane Finish                                       | I/E                  | 296                   | N/A                     | 300-500                 | Floors, bar tops, doors, windows                                             | Durable, non-yellowing, UV resistant, high wear<br>resistance, fast drying | N/A                              |
| BEHR,<br>Crystal Clear Hi-Gloss W/B Polyurethane 620, 625,<br>630                | I/E                  | 280-283               | N/A                     | 400                     | Floors, table tops, cabinets, furniture, doors                               | Durable, long lasting clear finish, non-yellowing                          | 1 hr touch, 3-4 hrs recoat       |
| Diamond Vogel Paints,<br>H2O Acrylic Polyurethane Varnish                        | I                    | 280                   | 29                      | 232-464                 | Wood floors, cabinets, doors, furniture                                      | Fast dry, water reducible, resists yellowing                               | 15 min. touch,<br>1-2 hrs recoat |
| Glitsa American,<br>Infinity Satin, Semigloss, Gloss                             | I                    | 278                   | 35                      | 400-500                 | Wood floors                                                                  | Scuff and scratch resistant, durable                                       | 1 hr touch<br>2.5 hrs set        |
| Hillyard Inc.,<br>Tip-Off Gym Finish                                             | I                    | 275                   | N/A                     | 500-700                 | Gym floors                                                                   | Fast dry                                                                   | 1 hr touch<br>4 hrs recoat       |
| Benjamin Moore,<br>Benwood Stays Clear Acrylic Polyurethane<br>Low Lustre 423    | I                    | 273                   | 28                      | 350-450 @ 4 mil         | Interior wood surfaces including floors                                      | Clear, durable, non-yellowing, low odor                                    | 1 hr touch<br>2-3 hrs recoat     |
| Vista Paint,<br>108 Acritane High Gloss                                          | I                    | 267                   | 29                      | 400-500                 | Woodwork, cabinets, furniture, paneling                                      | Outstanding water & chemical resistance                                    | 30 min touch<br>2 hrs recoat     |
| Vista Paint,<br>109 Acritane Semi Gloss                                          | I                    | 266                   | 28                      | 400-500                 | Woodwork, cabinets, furniture, paneling                                      | Outstanding water & chemical resistance                                    | 30 min touch<br>2 hrs recoat     |
| Diamond Vogel Paints,<br>Old Masters H2O Acrylic Varnish                         | I                    | 252                   | 31                      | 248-489                 | Bare and previously finished wood surfaces                                   | Fast drying, water reducible, non-yellowing                                | 10 min touch<br>1 hr recoat      |
| Valspar (McCloskey),<br>Heirloom Crystal Clear Polyurethane                      | I                    | 260                   | 25                      | 400-500                 | Floors, stairs, furniture, cabinets, trim and<br>crafts                      | Durable, clear finish, heavy film build, non yellowing                     | 30 min touch<br>1-2 hrs recoat   |
| Valspar (McCloskey),<br>Clear Coat                                               | I/E                  | 250                   | 27                      | 400                     | Cabinets, furniture., walls, entry doors                                     | Scrubable, stain, grease, fingerprint resistant                            | 1 hr touch<br>4 hrs recoat       |
| BonaKemi,<br>Tech Mega Floor Finish                                              | I                    | 250                   | 33                      | 500-600                 | Interior residential & commercial floors                                     | Fast drying, non flammable                                                 | 2-3 hours                        |
| Valspar,<br>Duramax Clear Protector 93701                                        | I/E                  | 250                   | 31                      | 400                     | Wood, fiberglass, wallboard, metal, concrete,<br>masonry                     | Scrubable, stain, grease, oil resistant                                    | 1 hr touch<br>4 hr recoat        |
| Behr,<br>Premium Plus With Style Crystal Clear 780                               | I                    | 249                   | N/A                     | 300-400                 | Smooth bare wood surfaces                                                    | long lasting, non-yellowing, moisture, wear resistant                      | 1 hr touch<br>2-3 hrs recoat     |
| Behr,<br>Deck Plus Wood-Toned Waterproofing Wood Finish<br>400                   | E                    | 247                   | N/A                     | 250-300                 | Unsealed wood, decks, siding, fences,<br>furniture                           | Provides protection against stains, household chemicals<br>and UV rays     | 24 hours                         |
| Minuteman Intl. (Multi-Clean),<br>Pro-Floor 100                                  | I                    | 236                   | 30                      | 900                     | Wood gym floors                                                              | Durable, resilient, resists scratching, scuffing                           | 3 hrs                            |
| Zinsser (Carver Tripp),<br>Safe and Simple Super Poly<br>satin, semigloss, gloss | I/E                  | 235-249               | N/A                     |                         | Hardwood floors, doors, table tops, counter<br>tops                          | Nonflammable, non-yellowing, resists high traffic and<br>heavy wear        | 30 min                           |
| Van Technologies Inc.,<br>VanAqua-285 Water Based Wood Topcoat                   | I                    | 228                   | N/A                     | N/A                     | N/A                                                                          | Quality topcoat, fast drying                                               | 15-30 in                         |

# Master List for Appendix B-Rule 1113

11/5/2003

|                                                                                              |     |         |     |             |                                                                                               |                                                                                       |                                    |
|----------------------------------------------------------------------------------------------|-----|---------|-----|-------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------|
| Columbia,<br>Clear Acrylic Urethane Gloss 10-670                                             | I   | 224     | 32  | 320-400     | Cabinets, paneling, molding, furniture                                                        | Tough, water & alcohol resistant                                                      | 30-60 min.                         |
| Van Technologies Inc.,<br>VanEx 680 Exterior Wood Topcoat                                    | E   | 222     | N/A | N/A         | Exterior wood surfaces                                                                        | Flexible, water resistant, good adhesion                                              | 24 hrs recoat                      |
| Minuteman Intl. (Multi-Clean),<br>Final Floor                                                | I   | 220     | 30  | 800-1000    | Hardwood floors                                                                               | Hard, durable, scuff/mark resistant                                                   | 2 hrs                              |
| Columbia,<br>Clear Acrylic Urethane Flat 10-678                                              | I   | 212     | 32  | 360         | Cabinets, paneling, molding, furniture                                                        | Tough, water & alcohol resistant, exceptional flow                                    | 30-60 min.                         |
| Manufacturing & Consulting Chemists, Inc.,<br>WCX High Solid Clear Gloss Topcoat, WCX1080-HS | I   | 210     | 33  | 300         | Interior wood surfaces                                                                        | Excellent abrasion, mar resistant, fast drying                                        | 30 min touch,<br>1 hr recoat       |
| J.E. Mosers,<br>Woodworkers Supply Premium Spray Lacquer                                     | I   | 200     | N/A | N/A         | Wood surfaces                                                                                 | Extremely durable, highly chemical resistant                                          | N/A                                |
| Ronan Paints,<br>Vinyl Cote Flat                                                             | I/E | 197     |     | 400 @ 3 mil | Wood, metal, glass, plastic                                                                   | Weather resistant, good adhesion, non-yellowing                                       | 1 hr touch<br>2.5 hrs recoat       |
| ICI Paints (ICI Dulux),<br>Woodpride Waterborne Aquacrylic<br>Varnish Satin, Gloss           | I   | 174-191 | 27  | 400-500     | Cabinets, doors, paneling, furniture, floors                                                  | Durable, moisture, chemicals, abrasion and marring resistant                          | 1 hr touch<br>3-4 recoat           |
| Van Technologies, Inc.<br>VanAqua-485 Water Based Topcoat                                    | I   | 190     | N/A | N/A         | Kitchen cabinets, floors                                                                      | Scratch and abrasion resistance, excellent adhesion, fast drying                      | 15-30 min touch<br>30 min-1hr sand |
| Farwest,<br>X-6697 Semi-Gloss Aquathane Waterborne Floor<br>Finish                           | I   | 186     | 28  | 250-350     | Hardwood floors, kitchen cabinets, coffee tables, wood furniture, table tops, clear wood trim | Non-yellowing, highly durable, stain resistant                                        | 30-45 min touch<br>3 hrs recoat    |
| FUHR,<br>Multi-Purpose Ultra Clear Urethane 275                                              | I   | 160     | 29  | N/A         | Tile, concrete, hardwood floorings                                                            | Superior durability, wipeable, buffable                                               | 10 min touch<br>30 min sand        |
| Manufacturing & Consulting Chemists, Inc.,<br>WCX Clear Topcoat WCX 1020-1080                | I   | 160     | 29  | 300         | Wood Cabinets, trim, furniture                                                                | Abrasion resistant, tough, excellent block resistant, mar resistant, fast drying      | 30 min touch<br>1 hr recoat        |
| Behr,<br>Premium Plus With Style Venetian Plaster Topcoat 775                                | I   | 142     | N/A | N/A         | High moisture and high traffic areas                                                          | Durable, water resistant                                                              | 24 hrs                             |
| Fuhr,<br>Multipurpose Ultra Clear Urethane Finish 255                                        | I   | 57      | 31  | N/A         | High end furniture, doors, cabinets, windows                                                  | Fast dry, durable                                                                     | 10 min touch<br>30 min sand        |
| Target Coatings,<br>Oxford Hybrid Varnish 7000                                               | I/E | 182     | N/A | N/A         | Marine and architectural applications                                                         | UV resistant, durable                                                                 | 45 min touch<br>1.5 hrs recoat     |
| JFB Hart Coatings, Inc<br>HP-146,<br>1                                                       | I/E | 100     | 33  | 240-480     | Steel, aluminum, galvanized metal, concrete/block, masonry, wood                              | Superior color, gloss retention, non-yellowing, good chemical and abrasion resistance | 8 min touch,<br>30 min recoat      |
| Target Coatings,<br>Emtech 8000 Conversion Varnish                                           | I/E | 80      | 32  | 500 @ 2 mil | Interior/exterior trim, furniture, fixtures                                                   | UV, water resistant, non-yellowing, scratch resistant                                 | N/A                                |
| Fuhr,<br>Waterborne Acrylic Varnish 355                                                      | I   | 73      | 30  | N/A         | Kitchen cabinets, furniture, molding, passage doors, millwork, wine racks                     | Excellent Durability, anti-sagging formula, water, chemical resistant                 | 5 min touch<br>20 min sand         |
| Fuhr,<br>Aluminum Oxide Modified Urethane 855                                                | I/E | 57      | 32  | N/A         | Wood floors                                                                                   | Long lasting, durable, wear resistant                                                 | N/A                                |
| Fuhr,<br>Waterborne Urethane Finish 255                                                      | I/E | 57      | 31  | N/A         | High end furniture, doors, cabinets, windows                                                  | Fast dry, durable                                                                     | 10 min touch<br>30 min sand        |
| Cal Western Paints<br>Clear Acrylic Glaze                                                    | I/E | 54      | 27  | 200-400     | Wood, masonry, brick, paneling                                                                | Clear, low sheen                                                                      | 1 hr touch<br>3-4 hrs recoat       |
| Fuhr,<br>Ultra Clear Acrylic Urethane 285                                                    | I   | 53      | 31  | N/A         | Hardwood floors, wood furniture, passage doors, windows, cabinetry                            | Superior durability, wipe able, buff able                                             | 10 min touch<br>30 min sand        |
| EPMAR,<br>Kemiko Clear Acrylic Urethane 1                                                    | E   | 50      | 30  | 300-400     | Wood trim, furniture, cement floors, facades, storage tank exteriors, bridges                 | Stain resistant, resilient                                                            | 30 min touch<br>1 hr recoat        |
| FUHR,<br>Water Clear Acrylic Varnish 375                                                     | I   | 50      | 28  | N/A         | Kitchen cabinets, furniture, molding, passage doors, millwork, wine racks                     | Excellent mar, water, chemical resistance, great blocking resistance                  | 10 min touch<br>20 min sand        |
| Fuhr,<br>Universal Acrylic Topcoat 9100 Series                                               | I   | 18      | 44  | N/A         | Shutters, trim, doors, molding, cabinetry                                                     | Excellent mar resistance, anti-sagging, fast drying, high hardness                    | 30 minutes                         |

|                                                                             |     |   |     |         |                                                                     |                                                                                                            |                               |
|-----------------------------------------------------------------------------|-----|---|-----|---------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------|
| Fuhr,<br>ZVOC High Solids Clear Coat 5000                                   | I/E | 0 | 38  | N/A     | Furniture molding, passage doors, millwork,<br>wine racks           | Chemical, water, anti sag resistance                                                                       | 5 min touch<br>20 min sand    |
| Fuhr,<br>ZVOC Low Solids Clear Coat #5200                                   | I/E | 0 | 20  | N/A     | Furniture molding, passage doors, millwork,<br>wine racks           | Excellent penetration, chemicals, water resistant                                                          | 5 min touch<br>20 min sand    |
| Fuhr,<br>ZVOC Medium Solids Clear Coat 5100                                 | I/E | 0 | 29  | N/A     | Furniture molding, passage doors, millwork,<br>wine racks           | Excellent penetration, chemicals, water resistant                                                          | 5 min touch<br>20 min sand    |
| JFB Hart Coatings, Inc<br>HP-105 Clear,<br>2                                | I/E | 0 | 53  | 350-450 | Steel, aluminum, galvanized metal,<br>concrete/block, masonry, wood | Non-yellowing, UV, stain and chemicals resistant, highly<br>scrutable, excellent durability, 2 hr pot life | 4 hrs touch<br>6-8 hrs recoat |
| Rockler,<br>Sam Maloof Oil/Wax Finish 58699/58677                           | I   | 0 | N/A | N/A     | All woodworking surfaces                                            | High durability                                                                                            | 24 hours                      |
| Silvertown Products,<br>RhinoGuard Wood Defense                             | E   | 0 | N/A | 550     | Wood decks, house siding, fences                                    | Weather resistant, superior waterproofing, UV and scuff<br>resistant                                       | 72 hours                      |
| Tried & True Wood Finishes<br>Danish Oil, Original Wood Finish, Varnish Oil | I   | 0 | N/A | N/A     | Kitchen counters, table tops                                        | High durability                                                                                            | N/A                           |

N/A= Not Available

## CWF Sanding Sealers

275 g/l and less

Samples

14

| Coating Company,<br>Product Name,<br>Components                          | Interior<br>Exterior | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal) | Recommended substrate/<br>exposure                                                   | Coating Characteristics                          | Drying Time                     |
|--------------------------------------------------------------------------|----------------------|-----------------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------|
| Glitsa American, Inc.,<br>Snap Dry Quick Dry Waterbase Sealer<br>1       | I                    | 261                   | 31                      | 400-500                 | Bare wood                                                                            | Non-yellowing, fast dry                          | 1.5 - 2.5 hours                 |
| Zinsser (Parks Corp.),<br>Safe and Simple Sanding Sealer                 | I                    | 248                   |                         |                         |                                                                                      |                                                  |                                 |
| Vista Paint,<br>107 Acrithane Sanding Sealer                             | I                    | 242                   | 28                      | 400-700                 | Woodwork, cabinets, furniture, paneling                                              | Excellent durability, water & chemical resistant | 1 hr touch<br>2 hr recoat       |
| Vista Paint,<br>TC10 W/B Sanding Sealer                                  | I                    | 240                   | 30                      | 850-950                 | Woodwork, cabinets, furniture, paneling                                              | Excellent durability, water & chemical resistant | 1 hr touch<br>2 hrs recoat      |
| Rainguard,<br>American 700 Clear Masonry Deck Sealer                     | N/A                  | 236                   | N/A                     | 100                     | Decks, resurfaced concrete, cementitious<br>surfaces, other non-resilient substrates | Slip resistant, flexible, weather resistant      | 2 hours                         |
| Manufacturing & Consulting Chemists, Inc.,<br>WC Sanding Sealer WC-2044  | I                    | 235                   | 28                      | 300-400                 | Interior wood cabinets, trims                                                        | Powders well, fast drying                        | 0.5 hr touch<br>1 hr recoat     |
| Manufacturing & Consulting Chemists, Inc.,<br>WCX Sanding Sealer WC-2022 | I                    | 233                   | 29                      | 300-400                 | Interior wood cabinets, trims                                                        | Powders well, fast drying                        | 0.5 hr touch<br>1 hr recoat     |
| Insl-x,<br>Envirocare Sanding Sealer                                     | I                    | 220                   | 35                      | 282                     | Wood floors, trim, cabinets, stairs, banisters                                       | Waterbase, Non-Yellowing                         | 0.5 hrs touch<br>3 hours recoat |
| Diamond Vogel Paints,<br>Old Masters H2O Acrylic Sanding Sealer          | I                    | 181                   | 30                      | 240-481                 | Interior Wood Surfaces                                                               | Non-yellowing, fast dry                          | 10 min touch<br>30 min. recoat  |
| FUHR,<br>Water Clear Sanding Sealer 365                                  | E                    | 50                    | 28                      | N/A                     | Various wood surfaces                                                                | Great blocking , fast drying                     | 15 minutes                      |
| FUHR,<br>Universal Sanding Sealer 655                                    | E                    | 30                    | 30                      | N/A                     | Various wood surfaces                                                                | Deep penetrating, fast drying                    | 15 minutes                      |
| All Pro,<br>Acrylic Urethane Waterborne Satin Sanding Sealer             | I                    | 1                     | 29                      | 300-450                 | Doors, trim, cabinets, furniture                                                     | Fast dry, non-flammable, excellent penetration   | 0.5 hr touch, 2-4 hrs recoat    |
| FUHR,<br>ZVOC High Viscosity Sanding Sealer 5350                         | E                    | 0                     | 20                      | N/A                     | Various wood surfaces                                                                | Excellent penetration, fast drying               | 15 minutes                      |
| FUHR,<br>ZVOC Sanding Sealer 5300                                        | E                    | 0                     | 19                      | N/A                     | Various wood surfaces                                                                | Excellent penetration , fast drying              | 15 minutes                      |

N/A= Not Available

Clear Brushing Lacquers  
680 g/L and less

Samples 12

| Coating Company,<br>Product Name,<br>Components                          | Interior<br>Exterior | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                                                                                                                                       | Coating Characteristics                                                                                                                                                                                                        | Drying time to recoat |
|--------------------------------------------------------------------------|----------------------|-----------------------|-------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Color Wheel,<br>Optima All Prime 330<br>1                                | I/E                  | 115                   | 35                      | 300-400 @1.6mils                  | Concrete, masonry, stucco, wood, hardboard<br>siding and cementitious siding, synthetic<br>masonry stucco, aluminum, galvanized metals,<br>copper, stainless steel, gypsum wallboard,<br>veneer plaster, acoustical ceilings, fiberglass | Excellent adhesion, excellent alkali, efflorescence<br>resistance, resistant to blistering, cracking, chipping,<br>peeling, mildew resistant, outstanding stain blocking,<br>excellent chalk resistance, resistant to moisture | 4 hours               |
| Color Wheel,<br>Aquatec Industrial Acrylic Primer 1635,<br>1             | I/E                  | 87                    | 44                      | 300-500                           | Structural steel, aluminum, galvanized metals,<br>ferrous metals, copper, stainless steel,<br>fiberglass, polystyrene, misc. metals                                                                                                      | Corrosion resistant, early moisture resistant, flash rust<br>resistant                                                                                                                                                         | 2 hours               |
| Color Wheel,<br>Aquatec 1644<br>1                                        | I/E                  | 250                   | N/A                     | N/A                               | N/A                                                                                                                                                                                                                                      | High Abrasion, Chemical Resistant                                                                                                                                                                                              | N/A                   |
| Environmental Engineering & Coatings,<br>Superior Environmental Products | I                    | 0                     | N/A                     | N/A                               | Floors                                                                                                                                                                                                                                   | Heat Resistant, chemical resistant                                                                                                                                                                                             | N/A                   |
| EPMAR,<br>Kemiko Col-R-Tone III Acrylic Urethane<br>1                    | E                    | 50                    | 60                      | 300-400                           | Cement floors, facades, steel/concrete storage<br>tank exteriors, steel/concrete bridges, pumps                                                                                                                                          | UV Resistant, non-yellowing                                                                                                                                                                                                    | 1 hour                |
| EPMAR,<br>Kemiko 44C Clear Acrylic Urethane,<br>1                        | E                    | 50                    | 30                      | 300-400                           | Wood trim, furniture, cement floors, facades,<br>storage tank exteriors, bridges                                                                                                                                                         | UV Resistant, non-yellowing                                                                                                                                                                                                    | 1 hour                |
| Trinity Coatings,<br>Nitro LC-530 Water White Clear Lacquer Series       | I                    | 550                   | 18                      | 118                               | High quality furniture, cabinets                                                                                                                                                                                                         | Non-yellowing                                                                                                                                                                                                                  | 30-45 min.            |
| Trinity Coatings,<br>Nitro LS-520 Water White Lacquer Sanding Sealer     | I                    | 550                   | 14                      | 66                                | Apply to bare wood on furniture, pianos,<br>cabinets                                                                                                                                                                                     | Non-yellowing                                                                                                                                                                                                                  | 25-45 min.            |
| Vista Paint,<br>TC60 W/B Semi Gloss Wood Lacquer                         | I                    | 224                   | 30                      | 400                               | Cabinets, furniture, paneling                                                                                                                                                                                                            | Excellent clarity                                                                                                                                                                                                              | 20-25 min.            |
| Vista Paint,<br>TC80 W/B Gloss Wood Lacquer                              | I                    | 224                   | 30                      | 400                               | Cabinets, furniture, paneling                                                                                                                                                                                                            | Excellent clarity                                                                                                                                                                                                              | 20-25 min.            |
| Vista Paint,<br>TC20 W/B Satin Wood Lacquer                              | I                    | 214                   | 31                      | 400                               | Cabinets, furniture, paneling                                                                                                                                                                                                            | Excellent clarity                                                                                                                                                                                                              | 20-25 min.            |
| ZRC,<br>Metallic Zinc Coating                                            | E                    | 0                     | 44                      | N/A                               | Carbon steel, cast iron, galvanized/alum<br>surfaces                                                                                                                                                                                     | Anti-corrosive                                                                                                                                                                                                                 | N/A                   |

N/A= Not Available

## Flats

100 - 50 g/L

Samples

25

| Coating Company,<br>Product Name,<br>Components                       | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                           | Coating Characteristics                                                                                            | Drying time to recoat | Pot Life @70 deg./ Shelf Life |
|-----------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------|
| Color Wheel,<br>Exterior Flat Wall Paint 3700                         | 55                    | 34                      | 300-500                           | Concrete, masonry, stucco, wood<br>plywood, hardboard, metal, steel<br>aluminum                              | Mildew resistant, alkali resistant, resistant to<br>blistering, cracking, chipping, peeling,<br>excellent adhesion | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>BF Series All Season Ext Flat Latex          | 92                    | 34                      | 182-273                           | Wood, masonry, galvanized<br>surfaces                                                                        | Superior durability                                                                                                | 2-4 hours             | N/A                           |
| Diamond Vogel Paints,<br>BF Series Weather-Plate Ext 100% Acrylic Ltx | 99                    | 34                      | 276-363                           | Siding, soffits, gutters,<br>foundations                                                                     | Excellent fade resistance                                                                                          | 2-4 hours             | N/A                           |
| Diamond Vogel Paints,<br>DF Series Pro-Build Super Flat Int Latex     | 59                    | 30                      | 479                               | Plaster, drywall, wood, masonry                                                                              | Flexible                                                                                                           | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>MC Series Permaflex Elastomeric Coating      | 70                    | 45                      | 722                               | Stucco, concrete, masonry,<br>primed wood                                                                    | Prevents penetration of wind driven rain                                                                           | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>DF Series Hi-Build Super Flat Int Latex      | 59                    | 30                      | 479                               | Interior walls, plaster, drywall,<br>wood, masonry                                                           | N/A                                                                                                                | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>DF-1524 Int Latex Texture Finish             | 72                    | 25                      | 401                               | Interior walls, plaster, drywall,<br>wood, masonry                                                           | N/A                                                                                                                | 12 hours              | N/A                           |
| Dunn Edwards,<br>Flex Tex Texture Coating Coarse<br>W 323             | 55                    | 49                      | 40-50                             | Masonry, wood, metal                                                                                         | N/A                                                                                                                | 4 hours               | N/A                           |
| Dunn Edwards,<br>Interior Velvet Flat Wall Paint W 401                | 65                    | 44                      | 300-450                           | Interior walls, ceilings                                                                                     | Exceptional hide, long lasting protection                                                                          | 4 hours               | N/A                           |
| Dunn Edwards,<br>Interior Latex Flat Enamel W 3447                    | 60                    | 42                      | 350-400                           | Masonry, wood, metal                                                                                         | Exceptional hide, smooth flow out                                                                                  | 4 hours               | N/A                           |
| Dunn Edwards,<br>Quik-Wall Latex Flat Wall Finish W 2140              | 65                    | 44                      | 250-350                           | Primed wood, concrete, metal                                                                                 | Excellent hide                                                                                                     | 2-3 hours             | N/A                           |
| Dunn Edwards,<br>Nevada Exterior Flat W 5807                          | 55                    | 40                      | 75-200                            | Masonry                                                                                                      | Durable, applies easily, good hide, excellent<br>touch-up                                                          | 4 hours               | N/A                           |
| Dunn Edwards,<br>Interior Maintenance Latex Flat Paint W 6266         | 60                    | 33                      | 250-350                           | Wood, concrete, metal                                                                                        | Superior hiding power, applies easily, touches<br>up very well                                                     | 2-3 hours             | N/A                           |
| Dunn Edwards,<br>Interior Maintenance Latex Flat Paint W 6196         | 65                    | 42                      | 250-350                           | Wood, concrete, metal                                                                                        | Superior hiding power, applies easily, touches<br>up very well                                                     | 4 hours               | N/A                           |
| Dunn Edwards,<br>Arizona Exterior Latex Flat Finish W 6140            | 65                    | 35                      | 200-375                           | Construction, maintenance<br>painting, interior drywall                                                      | Good hide, very good touch-up                                                                                      | 1 hour                | N/A                           |
| Farwest,<br>#900 Series Wonderglo Interior Flat Acrylic Latex         | 55                    | 54                      | 300-400                           | Drywall, plaster, brick, cement,<br>masonry                                                                  | Tough, durable, scrubable                                                                                          | 2 hours               | N/A                           |
| Farwest,<br>#901 Wonderglo High Hide Interior Flat Acrylic<br>Latex   | 51                    | 37                      | 300-400                           | Drywall, plaster, brick, cement,<br>masonry                                                                  | Tough, durable, scrubable                                                                                          | 2 hours               | N/A                           |
| Farwest,<br>#950 Proline Vinyl Acrylic Flat Latex Int.                | 59                    | 31                      | 300-500                           | Walls, ceilings                                                                                              | Excellent wet, dry hiding qualities                                                                                | 2-4 hours             | N/A                           |
| Farwest,<br>A-A-2246 Proline Flat Latex Interior                      | 55                    | 31                      | 300-500                           | Walls, ceilings                                                                                              | Excellent wet, dry hiding qualities                                                                                | 2-4 hours             | N/A                           |
| ICI Paints (Glidden),<br>GL1251 Speed-Wall Flat Interior Wall Paint   | 57                    | N/A                     | 400                               | Walls, ceilings                                                                                              | Good dry hide, excellent touch-up ability, easy<br>application, quick dry                                          | 2 hours               | 1 year                        |
| Kelly Moore,<br>Acrylic Flat Wall Paint                               | 98                    | 36                      | 300                               | Interior wallboard, plaster,<br>masonry, ceilings, walls                                                     | Non-thinning                                                                                                       | 4 hours               | N/A                           |
| Rodda,<br>Flat Vinyl Acrylic Wall Paint                               | 93                    | 39                      | 315                               | Exterior concrete, stucco,<br>plaster, cement, cinder block,<br>wallboard, asbestos shingles,<br>brick, wood | N/A                                                                                                                | 3 hours               | N/A                           |
| Sherwin Williams,<br>Ultra Crete Textured Masonry Topcoat A44W800     | 55                    | 51                      | 70-80                             | Concrete, block, sheetrock,<br>cement, primed steel, primed<br>wood                                          | Inhibits mildew                                                                                                    | 2 hours               | N/A                           |

|                                                               |    |    |         |                                                                                                 |                                             |           |     |
|---------------------------------------------------------------|----|----|---------|-------------------------------------------------------------------------------------------------|---------------------------------------------|-----------|-----|
| Sherwin Williams,<br>Interior Latex Flat Ceiling Paint A21W89 | 52 | 29 | 350-400 | Ceilings of primed plaster,<br>wallboard, wood, masonry, well<br>bonded wallpaper, primed metal | N/A                                         | 4 hours   | N/A |
| Vista Paint,<br>3000 Acribond                                 | 97 | 40 | 300-400 | All exterior surfaces                                                                           | Excellent color retention, mildew resistant | 4-6 hours | N/A |

N/A= Not Available

**Flats**  
**50 g/L & Less**                      **Samples**                      **30**

| Coating Company,<br>Product Name,<br>Components                                                           | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                     | Coating Characteristics                                                                                                 | Drying time to recoat |
|-----------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|
| ChemRex, Inc (Sonneborn),<br>Tuf-trac Tennis Green                                                        | 0                     | 47                      | 70-125                            | Asphalt, concrete, tennis courts                                                                       | Durable, resists variable weather conditions,<br>nonglaring, slip-resistant safety finish                               | 4 hours               |
| Color Wheel,<br>Exterior Acrylic Latex Flat 240                                                           | 29                    | 29                      | 250-400                           | Variety of masonry, metal<br>surfaces                                                                  | High hiding, outstanding touch up properties,<br>very good adhesion, resistant to moisture<br>vapor                     | 4 hours               |
| Color Wheel,<br>Hi-Hide Int Low VOC Latex Wall Paint 5500                                                 | 1                     | 35                      | 300-500                           | Concrete, masonry, wood<br>surfaces, gypsum wallboard.<br>Metal, aluminum                              | Scrubabble, washable, non-yellowing                                                                                     | 4 hours               |
| Devoe High Performance Coatings<br>Direct-to-Metal Primer & Flat Finish<br>DEVFLEX 4020PF 4020-1000-white | 76                    | 44                      | 275-350                           | Exterior of tanks, metal<br>buildings, structural steel,<br>piping, handrails, masonry<br>construction | Direct-to-metal or masonry primer, shop<br>applications, low VOC, low odor, resists flash<br>rust, corrosion resistance | 2 hours               |
| Devoe High Performance Coatings<br>Direct-to-Metal Primer & Flat Finish<br>DEVFLEX 4020PF 4020-7100-red   | 80                    | 44                      | 275-350                           | Exterior of tanks, metal<br>buildings, structural steel,<br>piping, handrails, masonry<br>construction | Direct-to-metal or masonry primer, shop<br>applications, low VOC, low odor, resists flash<br>rust, corrosion resistance | 2 hours               |
| Diamond Vogel Paints,<br>DF-1591 Health Kote                                                              | 0                     | 38                      | 300-400                           | Walls, ceilings, trim                                                                                  | Durable finish, excellent washability                                                                                   | 12 hours              |
| Diamond Vogel Paints,<br>DE-1591 Health Kote Low Odor                                                     | 0                     | 36                      | 285-380                           | Plaster, wallboard, wood,<br>masonry                                                                   | Durable finish, excellent washability                                                                                   | 12 hours              |
| Diamond Vogel Paints,<br>DS-1591 Health Kote                                                              | 0                     | 34                      | 271-362                           | Plaster, wallboard, wood,<br>masonry                                                                   | Durable finish, excellent washability                                                                                   | 12 hours              |
| Dunn Edwards,<br>Nevada Exterior Flat Paint W 6267                                                        | 40                    | 33                      | 300-450                           | Exterior surfaces                                                                                      | Touches up well, provides good hide                                                                                     | 4 hours               |
| Dunn Edwards,<br>Sierra Low Odor Zero VOC Interior Flat Wall Finish<br>W 501                              | 0                     | 36                      | 350-400                           | Exceptional hide                                                                                       | Recommended for residential use                                                                                         | 2-4 hours             |
| Dunn Edwards<br>Acoustikote Interior Acoustic Paint W 615                                                 | 0                     | 32                      | 150-300                           | High hiding                                                                                            | Acoustic tile, ceilings                                                                                                 | 2 hours               |
| Dunn Edwards,<br>Cover Kote II Interior Flat Paint W 410                                                  | 45                    | 38                      | 200-300                           | Durable, good hide                                                                                     | Durable finish, good hide                                                                                               | 2-3 hours             |
| Dunn Edwards,<br>Exterior Paint Tan W 5995                                                                | 38                    | 34                      | 200-400                           | Good hide                                                                                              | Stucco, concrete, slumpstone, split faced<br>block, masonry surfaces                                                    | 1 hour                |
| Dunn Edwards,<br>Exterior Paint Concrete Gray W 5996                                                      | 40                    | 34                      | 200-400                           | Good hide                                                                                              | Stucco, concrete, slumpstone, split faced<br>block, masonry surfaces                                                    | 1 hour                |
| EVR-Gard Coatings,<br>1400 Flat EVRCARE                                                                   | 0                     | N/A                     | 350-400                           | Excellent hiding power, interior<br>surfaces                                                           | Wallboard, wood, metal, masonry                                                                                         | 4-6 hours             |
| Frazer,<br>018 Envirokote Interior Low Odor                                                               | 5                     | 34                      | 200-350                           | Resistance to abrasion, blocking,<br>yellowing,                                                        | Concrete, masonry, drywall, hardboard, metal                                                                            | 3-4 hours             |
| FUHR,<br>Z VOC White Ext/Int Latex Paint 6000                                                             | 0                     | 28                      | N/A                               | Excellent metal mar resistance,<br>anti-sagging                                                        | Siding, sheetrock, shutters, trim, doors,<br>molding                                                                    | 1 hour                |
| ICI Paints (Glidden),<br>Professional Finishes Ultra Build Interior Latex Flat<br>GL8020                  | 36                    | 16                      | 400                               | Good hide                                                                                              | Interior plaster, wallboard, masonry surfaces                                                                           | 2 hours               |
| ICI Paints (Glidden),<br>Wall Paint Int/Ext Latex Flat 920                                                | 36                    | N/A                     | 400                               | Uniform flat finish                                                                                    | Int/Ext Surfaces                                                                                                        | 4 hours               |

|                                                                                 |    |     |         |                                                                                                          |                                                                                                            |         |
|---------------------------------------------------------------------------------|----|-----|---------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------|
| Innovative Formulations Co.<br>Ecological Paint-Interior/exterior<br>FLAT       | 0  | N/A | 400-450 | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal | one coat, fast dry, excellent weather-ability,<br>durability, scrub resistance, "hideriffic"<br>technology | 2 hours |
| Innovative Formulations Co.<br>Ecological Paint-Interior Paint-Mold Not<br>FLAT | 0  | N/A | 300-350 | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal | one coat, fast dry, excellent weather-ability,<br>durability, scrub resistance, "hideriffic"<br>technology | 2 hours |
| Rodda,<br>Horizon Flat                                                          | 13 | 40  | 330     | Durable                                                                                                  | Wallboard, concrete, masonry, cement block,<br>cinder block, stone, brick, wood                            | 2 hours |
| Sherwin Williams,<br>Pro Mar 700 Interior Latex Flat B30W7700 Series            | 40 | 25  | 350-400 | N/A                                                                                                      | Walls, ceilings, plaster, wallboard, wood,<br>masonry, primed metal                                        | 4 hours |
| Sherwin Williams,<br>Harmony Interior Latex Flat B 5 Series                     | 0  | 44  | 350-400 | Inhibits growth of microbes                                                                              | Drywall, masonry, concrete, cement, block                                                                  | 4 hours |
| Sherwin Williams,<br>Color Accents Interior Latex Flat Y10 Series               | 49 | 36  | 350-400 | Inhibits growth of microbes                                                                              | Drywall, masonry, concrete, cement, block                                                                  | 4 hours |
| Smiland (Morwear),<br>Interior Flat Acrylic Wall & Ceiling Paint 160-01         | 3  | 45  | 300-400 | Superior hide, non-reflective flat<br>finish                                                             | Walls, trim, masonry, drywall, plaster,<br>concrete, wood, primed metal                                    | 4 hours |
| Vista Paint,<br>XA11 Aurora Bond                                                | 16 | 44  | 300-350 | Good adhesion                                                                                            | Wood, plywood, primed metal, masonry                                                                       | 4 hours |
| Vista Paint,<br>RC10 Latex Roll Coat                                            | 26 | 37  | 600     | Good adhesion                                                                                            | Particleboard, pressboard, plywood                                                                         | 1 hour  |
| Vista Paint,<br>6100 Earth Coat Flat                                            | 1  | 39  | 350-400 | Tough, durable                                                                                           | Interior drywall, plaster, concrete, wood                                                                  | 6 hours |
| Vista Paint,<br>3600 Coverall Maintenance Flat                                  | 49 | 38  | 350-500 | Outstanding hide                                                                                         | Interior drywall, plaster, concrete, wood                                                                  | 2 hours |

N/A= Not Available

## Floor Coatings

100-50 g/L

Samples

8

| Coating Company,<br>Product Name,<br>Components                                                    | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Physical Properties | Coating Characteristics                                                                                                    | Gloss Characteristics | Drying time to recoat |
|----------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Cloverdale,<br>02290 Step-Safe Non-Slip Coating                                                    | 89                    | 51                      | 200-250                           | N/A                 | Exceptional color retention, water resistant,<br>abrasion resistant                                                        | N/A                   | 8 hours               |
| Color Wheel,<br>Acrylic Floor, Deck Paint 380                                                      | 56                    | 37                      | 350-450                           | N/A                 | Exceptional color retention, chalk resistant,<br>abrasion resistant                                                        | N/A                   | 4 hours               |
| Color Wheel,<br>Ultracrete Tex-Trac Concrete Coating 3900                                          | 91                    | 49                      | 200-300                           | N/A                 | Excellent adhesion, long term durability, color<br>retention, scrubbable, washable                                         | N/A                   | 2 hours               |
| Insl-x,<br>Sure Step Anti Slip Coating                                                             | 97                    | 41                      | 329                               | N/A                 | Excellent resistance to abrasion, exceptional<br>color retention                                                           | N/A                   | 24 hours              |
| JFB Hart Coatings, Inc<br>HP-100,<br>3                                                             | 67                    | 41                      | 650                               | N/A                 | Non-yellowing chemical resistant                                                                                           | N/A                   | 6-8 hours             |
| JFB Hart Coatings, Inc<br>HP-146,<br>1                                                             | 100                   | 30                      | 240-480                           | N/A                 | Chemical and abrasion resistant, non-<br>yellowing                                                                         | 80° @60°              | 29 minutes            |
| KST (Thoro),<br>Thorocoat F-74 Water based fine textured acrylic<br>coating for pedestrian traffic | 56                    | 49                      | 4                                 | N/A                 | Skid resistant, UV resistant, superior color<br>uniformity, weather resistant                                              | N/A                   | 24 hours              |
| KST (Thoro),<br>Thorosheen Water Based 100% Acrylic Paint                                          | 56                    | 38                      | 4                                 | N/A                 | Tough, durable, smooth film, long term<br>adhesion, resists wind-driven rain, gungus,<br>mildew, excellent color retention | N/A                   | 2-4 hours             |

N/A= Not Available

Floor Coatings  
50 g/l or less

Samples 26

| Coating Company,<br>Product Name,<br>Components                                           | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Physical Properties                                                            | Coating Characteristics                                                                 | Gloss Characteristics | Drying time to recoat |
|-------------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Andek,<br>Polajoint                                                                       | 0                     | 100                     | 125                               | N/A                                                                            | Highly resistant to mechanical damage, good chemical resistance                         | N/A                   | N/A                   |
| Andek,<br>PolaFloor Epoxy Topping,<br>2                                                   | 0                     | 100                     | 30                                | Tensile Strength 1750 psi                                                      | Impact resistant                                                                        | Satin                 | N/A                   |
| Andek,<br>PolaFloor P.U.R. Brushable,<br>3                                                | 0                     | 100                     | N/A                               | Tensile Strength 2685 psi                                                      | Impact resistant                                                                        | Satin                 | N/A                   |
| Benjamin Moore,<br>M40 100% Solids Epoxy floor coating,<br>1                              | 0                     | 100                     | 200                               | Adhesion 480psi,<br>Tensile Strength 850 psi, Taber<br>.06g                    | Abrasion resistant,<br>non-flammable                                                    | 95%@ 60deg.           | 12 hours              |
| Benjamin Moore,<br>M41 Epoxy floor sealer,<br>1                                           | 0                     | 51                      | 325                               | Tensile Strength 8800 psi, Taber<br>.05g                                       | Impact resistant                                                                        | 50% @ 60deg.          | 5 hours               |
| CeRam Kote,<br>CeRam-Floor 3 Part Self-Leveling Ceramic Slurry,<br>3                      | 0                     | 100                     | 40                                | Tensile Strength 1637 psi                                                      | Durable, water resistant                                                                | N/A                   | 24 hour cure time     |
| CeRam Kote,<br>CeRam-Floor 3 Part Trowelable Resurfacing<br>Material,<br>3                | 0                     | 100                     | 13                                | N/A                                                                            | Durable, wear resistant                                                                 | N/A                   | 10-12 hour cure time  |
| ChemRex Inc (Sonneborne),<br>Tuf-trac Tennis Green                                        | 0                     | 47                      | 70-125                            | N/A                                                                            | Durable, nonglaring, slip-resistant safety finish                                       | Flat                  | 4 hours               |
| Color Wheel,<br>381 Latex Floor Paint, Flat,<br>1                                         | 29                    | 39                      | 200                               | Non-skid finish and blistering,<br>cracking, chipping and peeling<br>resistant | Excellent color retention and chalk resistance                                          | 85° 5-15              | 4 hours               |
| Devoe High Performance Coatings<br>100% Solids Epoxy Resurfacer<br>DEVFLOOR 525 Cat # 525 | 5                     | N/A                     | 107-321                           | Concrete floors                                                                | Good chemical and abrasion resistance, low odor                                         | N/A                   | 10-24 hours           |
| Devoe High Performance Coatings<br>Waterborne Urethane<br>DEVFLOOR 569 Cat # 569          | 17                    | N/A                     | 320-400                           | Concrete floors                                                                | For concrete floors that are subjected to moderate chemical spills and abrasive traffic | N/A                   | 6-24 hours            |
| Dunn Edwards,<br>Athletic Field Stripping Paint W 5361                                    | 0                     | 37                      | 14-15                             | N/A                                                                            | Resistant to blistering                                                                 | N/A                   | 2 hours               |
| Farwest,<br>Deck Coatings 2001                                                            | 37                    | 47                      | 100                               | N/A                                                                            | Withstands rough weather                                                                | N/A                   | 1 day                 |
| Gaco Western Inc.,<br>Gaco Flex U-62                                                      | 0                     | 100                     | 1600                              | Tensile Strength 2250 psi                                                      | Good weatherability, durability is excellent                                            | N/A                   | N/A                   |
| Insl-x,<br>100% Solids Epoxy Coating,<br>2                                                | 0                     | 100                     | 533                               | Self leveling epoxy for severe environments                                    | Abrasions and chemical resistant                                                        | High Gloss            | N/A                   |
| ITW Resin Technologies,<br>IMPAX 650 SL Epoxy,<br>2                                       | 0                     | 100                     | 160                               | N/A                                                                            | N/A                                                                                     | Full Gloss            | N/A                   |
| ITW Resin Technologies,<br>IMPAX 700 High Solids W/B Epoxy,<br>2                          | 25                    | 96                      | 200                               | N/A                                                                            | N/A                                                                                     | Full Gloss            | N/A                   |
| JFB Hart Coatings, Inc<br>HP-105 Pigmented Polyurethane,<br>2                             | 12                    | 63                      | 250-650                           | Adhesion 5B, Tensile 2609 psi                                                  | High gloss UV and chemical resistant                                                    | Up to 95° @60°        | N/A                   |
| JFB Hart Coatings, Inc<br>HP-147 polyurethane,<br>1                                       | 0                     | N/A                     | N/A                               | Tensile Strength 4000 psi,<br>pH=8.2-9.2                                       | UV resistant                                                                            | 80° ± 5 @60°          | N/A                   |

|                                                                                  |    |     |         |                                                               |                                                                                                                           |                |         |
|----------------------------------------------------------------------------------|----|-----|---------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------|---------|
| JFB Hart Coatings, Inc<br>HP-330 Clear or Pigmented polyurethane,<br>2           | 11 | 90  | 480     | N/A                                                           | High gloss, acid and chemical resistant                                                                                   | Up to 85° @60° | N/A     |
| KST (Snow Roof Systems),<br>Safe-T-Kote                                          | 1  | N/A | 100     | N/A                                                           | Skid resistant, won't crack or peel, UV<br>resistant                                                                      | N/A            | N/A     |
| Seal-Krete,<br>Proformance Skid Proof                                            | 0  | N/A | 40      | Tensile Strength 35.5 psi                                     | Anti-skid, waterproof, weather-resistant,<br>impact resistant, salts resistant, chlorine<br>resistant                     | N/A            | N/A     |
| Seal-Krete,<br>Skid Proof EZ Coat                                                | 40 | 67  | 150     | N/A                                                           | UV resistant, water resistant, salt resistant                                                                             | N/A            | 6 hours |
| Sherwin Williams<br>Armorseal Armor-Plex I/E Waterbased Urethane,<br>2           | 41 | 58  | 309-464 | Polyester/urethane cures to a<br>highly flexible film         | Chemical and abrasion resistant                                                                                           | High Gloss     | 1 day   |
| Sherwin Williams,<br>Armorseal 650 SI/RC Self-leveling Recoatable<br>Epoxy,<br>2 | 3  | 100 | 50      | Self-leveling, can be applied to<br>provide a nonslip texture | Chemical, impact, solvent and abrasion<br>resistant                                                                       | High Gloss     | 8 hours |
| Sherwin Williams,<br>Armorseal 650HB/RC                                          | 0  | 100 | 15-50   | Self-leveling                                                 | Abrasion resistant, excellent adhesion,<br>chemical resistant, impact resistant, seamless,<br>ultra-build durable coating | High Gloss     | 3 days  |

N/A= Not Available

## I M Coatings

250-100 g/l or less

Samples

25

| Coating Company,<br>Product Name,<br>Components              | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended<br>substrate/exposure                                                                                    | Coating Characteristics                                                                                                                  | Gloss Characteristics     | Pot Life @70 deg./ Shelf Life |
|--------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
| Ameron,<br>Amershield VOC                                    | 170                   | 73                      | 234                               | Steel, bridges, tanks, piping, rail<br>cars, industrial plants, marine<br>decks, boatops, concrete walls &<br>floors | Good chemical & stain resistance, tough,<br>flexible                                                                                     | Excellent gloss retention | N/A                           |
| Color Wheel,<br>Aquatec Industrial Acrylic Enamel 1600       | 120                   | 43                      | 300-500                           | Steel, aluminum, metals, wood,<br>plywood, wallboard, concrete,<br>brick, plaster                                    | Tough, durable, excellent chemical resistance                                                                                            | N/A                       | N/A                           |
| Color Wheel,<br>Aquatec Industrial Acrylic Satin Enamel 1650 | 123                   | 40                      | 300-500                           | Steel, aluminum, metals, wood,<br>plywood, wallboard, concrete,<br>brick, plaster                                    | Tough, durable, excellent chemical resistance                                                                                            | N/A                       | N/A                           |
| Du Pont,<br>Corlar VHS 90P<br>Epoxy mastic,<br>2             | 101                   | 90                      | 480                               | Bridges, Structural steel,<br>corrosive environments                                                                 | .17g loss/1000 cycle scrub                                                                                                               | N/A                       | 1 year                        |
| Du Pont,<br>Tufcote 72P,<br>W/B DTM Acrylic Enamel           | 228                   | 36                      | 190                               | Steel, Galvanized metal,<br>Aluminum, concrete                                                                       | Excellent color/gloss retention                                                                                                          | 70                        | 2 years                       |
| ICI Paints (Devoe),<br>Bar-Rust 235H                         | 234                   | 74                      | 1187                              | Drywall, plaster, wood                                                                                               | Exceptional corrosion protection, excellent<br>adhesion                                                                                  | N/A                       | N/A                           |
| ICI Paints (Devoe),<br>Devthane 359H                         | 250                   | 72                      | 1116                              | Steel, concrete, masonry,<br>drywall, aluminum, brick                                                                | Excellent gloss & color retention, excellent<br>abrasion & chemical resistance, excellent<br>resistance to marring, chipping, scratching | N/A                       | N/A                           |
| ICI Paints (Devoe),<br>Devthane 378H                         | 225                   | 73                      | 1171                              | Steel, piping, metal buildings,<br>concrete, brick                                                                   | Exceptional gloss, color retention, excellent<br>abrasion, resistant to marring, chipping,<br>scratching                                 | N/A                       | N/A                           |
| ICI Paints (Devoe),<br>Devthane 379H                         | 250                   | 70                      | N/A                               | Concrete, steel floors, masonry,<br>drywall, plaster, brick                                                          | Exceptional gloss, color retention, excellent<br>abrasion, resistant to marring, chipping,<br>scratching                                 | N/A                       | N/A                           |
| ICI Paints (Devoe),<br>Catha-Coat 302V                       | 246                   | 78                      | 1250                              | Steel                                                                                                                | Exceptional corrosion resistance                                                                                                         | N/A                       | N/A                           |

|                                                                        |     |     |         |                                                                                                |                                                                                                                                          |                     |                |
|------------------------------------------------------------------------|-----|-----|---------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| ICI Paints (Devoe),<br>Devflex 4206QI                                  | 190 | 42  | 674     | Tanks, wood or metal trim,<br>shutters, siding, furniture, metal<br>fences                     | Excellent gloss & color retention, excellent<br>abrasion & chemical resistance, excellent<br>resistance to marring, chipping, scratching | N/A                 | N/A            |
| Insl-x,<br>Aqualock w/b primer, sealer, stain killer 0500              | 118 | 43  | 230     | Industrial applications over<br>painted surfaces, top or mid coat                              | Cross Hatch adhesion- 5                                                                                                                  | Eggshell, low sheen | N/A/1 year     |
| Insl-x,<br>Insl-Thane II enamel 7500,<br>1                             | 174 | 41  | 219     | Light industrial uses                                                                          | Cross Hatch Adhesion-5                                                                                                                   | 80                  | N/A/1 year     |
| International Protective Coatings,<br>Interfine 979 Polysiloxane,<br>2 | 165 | 76  | 405     | Bridges, offshore structures, tank<br>farms and general industrial and<br>commercial steelwork | Excellent color, gloss retention and corrosion<br>resistance                                                                             | Gloss               | 2 hours/N/A    |
| Prosoco,<br>Defacer Eraser Graffiti Barrier                            | 105 | 18  | 75-400  | Concrete block, Fired clay,<br>marble, travertine, limestone,<br>granite, sandstone, slate     | Multi-purpose                                                                                                                            | N/A                 | N/A            |
| Sherwin Williams,<br>Epo-Plex Multi-Mil W/B Epoxy,<br>2                | 240 | 42  | 224     | Primed steel and masonry<br>surfaces, concrete, plaster,<br>wallboard and wood                 | 141mg loss/1000 cycles 1 kg load                                                                                                         | N/A                 | 8 hours/1 year |
| Sherwin Williams,<br>Zinc Clad VI,<br>W/B Organic Zinc Rich Epoxy      | 163 | 45  | 241     | Blasted steel on barges, ships,<br>fabrication shops, chemical<br>plants, drilling rigs        | Cathodic protection, corrosion resistance                                                                                                | N/A                 | 8 hours/1year  |
| Smiland (Morwear),<br>100% Acrylic Graffiti Coat Clear 2554-70         | 250 | N/A | 300-400 | Mildew resistant                                                                               | N/A                                                                                                                                      | N/A                 | N/A            |
| Wasser,<br>MC-Aluminum 200 Topcoat,<br>1                               | 200 | 76  | 390     | Weathered or corroded Steel,<br>Galvanized Steel                                               | Corrosion resistant                                                                                                                      | matte               | N/A/ 1 year    |
| Wasser,<br>MC-Ferrox A 200 Topcoat,<br>1                               | 200 | 74  | 379     | Bridges, Rail Cars, Tanks, Ships,<br>any steel                                                 | Weather resistant                                                                                                                        | Low gloss/ matte    | N/A/1 year     |
| Wasser,<br>MC-Luster 200 mid or top coat,<br>1                         | 200 | 74  | 379     | Marine Splash zone, exterior<br>steel                                                          | Abrasion, UV resistant                                                                                                                   | 20° –60°            | N/A/1 year     |
| Wasser,<br>MC-Miomastic 200 Topcoat,<br>1                              | 200 | 76  | 390     | Old weathered coatings; off<br>shore and harsh environments                                    | Offshore harsh environments                                                                                                              | Matte               | N/A/1 year     |
| Wasser,<br>MC-Miozinc 200 zinc-primer,<br>1                            | 200 | 76  | 390     | Tanks, Chemical/marine<br>structures, bridges                                                  | Corrosion resistant                                                                                                                      | Flat                | N/A/1 year     |
| Wasser,<br>MC-Prepbond 200 primer,<br>1                                | 200 | 76  | 390     | Steel                                                                                          | Rust proof                                                                                                                               | Matte               | N/A/1 year     |
| Wasser,<br>MC-Shieldcoat 200 Topcoat,<br>1                             | 200 | 74  | 379     | Containment ponds and tanks                                                                    | Color/ gloss retention                                                                                                                   | 60°-90° as required | N/A/1 year     |

N/A= Not Available

**I M Coatings**  
**100 g/l or less**
**Samples**      **80**

| Coating Company,<br>Product Name,<br>Components | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended<br>substrate/exposure | Coating Characteristics                                       | Gloss Characteristics | Pot Life @70 deg./ Shelf Life |
|-------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------------|---------------------------------------------------------------|-----------------------|-------------------------------|
| Air Products,<br>Aquamarine 701 Curing Agent    | 0                     | 57                      | 140-170                           | Floors                            | Excellent adhesion, Fast drying, good water<br>resistance     | N/A                   | 2 years                       |
| Carboline,<br>Carbozinc 11 WB                   | 0                     | 79                      | 271                               | Steel                             | Excellent corrosion protection, good<br>resistance to salting | N/A                   | 1 hour                        |

|                                                                                           |    |     |         |                                                                                                      |                                                                                         |                 |                  |
|-------------------------------------------------------------------------------------------|----|-----|---------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------|------------------|
| Color Wheel,<br>Aquatec Industrial Acrylic Primer 1635                                    | 87 | 44  | 300-500 | Steel, aluminum, galvanized metals, ferrous metals, copper, stainless steel, fiberglass, polystyrene | Chemical resistant, corrosion resistant, fast drying, moisture resistant                | Primer          | N/A              |
| Devoe High Performance Coatings<br>100% Solids Epoxy Resurfacer<br>DEVFLOOR 525 Cat # 525 | 5  | N/A | 107-321 | Concrete floors                                                                                      | Good chemical and abrasion resistance, low odor                                         | 10-24 hours     | N/A              |
| Devoe High Performance Coatings<br>Waterborne Urethane<br>DEVFLOOR 569 Cat # 569          | 17 | N/A | 320-400 | Concrete floors                                                                                      | For concrete floors that are subjected to moderate chemical spills and abrasive traffic | 6-24 hours      | N/A              |
| Duromar,<br>HPL-1110                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL 1111                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-1301                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-1510                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2110                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2131                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2201                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2221                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2310                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2510                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-2510 UW                                                                   | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-3320                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-4300                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-4310                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-4320                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-4321                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-4323                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Duromar,<br>HPL-5220                                                                      | 0  | 100 | N/A     | Concrete, floors                                                                                     | Abrasion, corrosion resistant                                                           | N/A             | N/A              |
| Enviroline,<br>376F-30 epoxy petroleum industry,<br>2                                     | 0  | 100 | 534     | Petrol. Bulk storage tank linings, floors, tanks pools, troughs, sumps                               | Abrasion resistance, good flexibility                                                   | N/A             | 30min/2 years    |
| Enviroline,<br>393-PM epoxy,<br>2                                                         | 0  | 100 | 534     | Storage tanks, floors                                                                                | Corrosion/stain resistant, low temp. application                                        | Excellent gloss | 15min/2 years    |
| Enviroline,<br>394FS epoxy,<br>1                                                          | 0  | 100 | 534     | Pipe coating repair                                                                                  | Corrosion, abrasion resistant                                                           | N/A             | 16min/2 years    |
| Enviroline,<br>399-30 petroleum Ind.,<br>2                                                | 0  | 100 | 534     | Steel & concrete storage tanks, pipes, sumps                                                         | Cathodic disbondment resistant                                                          | N/A             | 30min/2 years    |
| Enviroline,<br>399ABR epoxy,<br>1                                                         | 0  | 100 | 534     | Potash mines, ext. pipelines, slurry tanks                                                           | Corrosion resistant, abrasion resistant                                                 | N/A             | 15min @100F/ N/A |
| Enviroline,<br>124 epoxy (3 cure rates available),<br>2                                   | 0  | 100 | 534     | Pits and pinholes in steel, concrete                                                                 | Chemical resistance, Hardness 75-80                                                     | N/A             | 8-12min/ 2 years |

|                                                                                 |   |     |         |                                                                                   |                                                   |            |                          |
|---------------------------------------------------------------------------------|---|-----|---------|-----------------------------------------------------------------------------------|---------------------------------------------------|------------|--------------------------|
| Enviroline,<br>150 epoxy,<br>2                                                  | 0 | 100 | 534     | Chem. containment vessels,<br>storage tanks steel, concrete,<br>floors            | Abrasion/ impact resistant                        | N/A        | 5min @100deg/2years      |
| Enviroline,<br>222 epoxy,<br>2                                                  | 0 | 100 | 534     | Sewer pipes, lift stations, wet<br>wells, containment basins                      | Moisture tolerant                                 | N/A        | 10min@ 100deg/2 years    |
| Enviroline,<br>224 epoxy,<br>2                                                  | 0 | 100 | 534     | Waster water treatment<br>application                                             | Chemical/ moisture resistant                      | N/A        | 21min/2 years            |
| Enviroline,<br>225 epoxy,<br>2                                                  | 0 | 100 | 534     | tanks, Waste water treatment<br>plants, steel & concrete, floors                  | Acid resistant                                    | N/A        | 10min@ 100deg/2 years    |
| Enviroline,<br>232 epoxy lining,<br>2                                           | 0 | 100 | 534     | Wastewater treatment basins,<br>Steel, concrete, storage tanks.                   | Abrasion, impact resistant,<br>Chemical resistant | N/A        | 7min@ 100deg/2 years     |
| Enviroline,<br>240CW epoxy,<br>2                                                | 0 | 100 | 534     | Concrete/ steel, car washes<br>concrete trenches                                  | Thermal and mechanical shock resistant            | N/A        | 13min @100deg/<br>2years |
| Enviroline,<br>250 epoxy,<br>2                                                  | 0 | 100 | 534     | Steel & concrete, storage tanks,<br>wastewater treatment/ cooling<br>tower basins | Abrasion/ impact resistant                        | N/A        | 13min @100F/2 years      |
| Enviroline,<br>333 epoxy aquatic environments,<br>2                             | 0 | 100 | 534     | Swimming pools, fountains,<br>aquatic theme parks, concrete                       | Moisture tolerant                                 | N/A        | 26min/2 years            |
| Enviroline,<br>333BR epoxy aquatic environments,<br>2                           | 0 | 100 | 534     | Swimming pools, water theme<br>parks, fountains, concrete                         | Chemical/ moisture tolerant                       | N/A        | 26min/2 years            |
| Enviroline,<br>370 epoxy FDA approved int./ext.,<br>2                           | 0 | 100 | 534     | Rail hopper cars, metal                                                           | Reverse impact resistant, flexible                | High gloss | 30min/2 years            |
| Enviroline,<br>376F-60 epoxy glass flake lining for pet.<br>Applications.,<br>2 | 0 | 100 | 534     | Steel, concrete, bulk storage<br>tanks, pipes, pits                               | Abrasion/heat/ chemical resistant,                | N/A        | 30min/2 years            |
| Enviroline,<br>399-60 epoxy petroleum Ind.,<br>2                                | 0 | 100 | 534     | Reinforced coating for steel &<br>concrete                                        | Chemical and solvent resistant                    | N/A        | 30min/2 years            |
| Enviroline,<br>50 epoxy primer,<br>2                                            | 0 | 100 | 534     | Concrete or masonry                                                               | Moisture tolerant                                 | N/A        | 15-20min /2 years        |
| EPMAR,<br>Sta-Crete SS1211                                                      | 0 | 100 | N/A     | Cement, cinder block walls                                                        | Water/chemical resistant                          | N/A        | 30 minutes               |
| Euclid Chemical Company,<br>Euco epoxy Tufcoat HB                               | 0 | 100 | 100-125 | Warehouse floors, auto repair,<br>chemical plants, showrooms                      | Wear resistant                                    | Semi-gloss | 30-40 minutes            |
| Everest Coatings,<br>Evercoat 900 Spray Polyurea Coating                        | 0 | 100 | 100     | Various substrates                                                                | Flexible, durable, excellent adhesion             | N/A        | N/A                      |
| Everest Coatings,<br>Evercoat 905 Aluminized Spray Polyurea Coating             | 0 | 100 | 100     | Various substrates                                                                | Flexible, durable, excellent adhesion             | N/A        | N/A                      |
| Everest Coatings,<br>EnviroSil 570 silicone elastomeric coating,<br>2           | 0 | 65  | 100     | Protection for roof systems                                                       | Weather resistant                                 | N/A        | 6 months                 |
| Gaco Western Inc.,<br>Gaco Flex RU-92,                                          | 0 | N/A | 1600    | Lining steel, masonry or wood<br>tanks, silos, pipes, flumes                      | Outstanding durability                            | N/A        | 1 year                   |
| Gaco Western Inc.,<br>GacoFlex LM-60 Urethane,<br>2                             | 0 | 100 | 25      | Concrete, metal, plywood                                                          | Salt/alkali resistant                             | N/A        | 1 hour                   |
| Gaco Western Inc.,<br>GacoSil S-50 Water-Based Clear Silicone,<br>1             | 0 | 19  | 287     | Decks, metal roofs, where VOC<br>would be dangerous                               | Weather proof                                     | N/A        | 1 year                   |

|                                                                                                      |    |     |         |                                                                                                         |                                                                                                        |                            |                       |
|------------------------------------------------------------------------------------------------------|----|-----|---------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|
| Gaco Western Inc.,<br>U-62 urethane base and topcoat, 2                                              | 0  | 100 | 533     | Floors of plywood, concrete,<br>metal                                                                   | Solvent resistant                                                                                      | N/A                        | 1 year                |
| Gemini,<br>Nannapeel Waterborne Strippable Booth Coating                                             | 2  | 49  | 786     | Booth coating                                                                                           | Fast drying                                                                                            | N/A                        | N/A                   |
| Global EcoTechnologies, Inc.<br>Endura-Flex 1200P Epoxy Primer Sealer                                | 0  | 100 | 1604    | Steel and porous substrates                                                                             | For exposure to chemical and physical<br>environments found in water and water<br>treatment industries | When wet or tacky to touch | 40-50 minutes         |
| ICI Paints (Devoe),<br>High Performance Coatings<br>Waterborne Aliphatic Acrylic Urethane Finish 399 | 60 | 49  | 786     | Steel floors, masonry, drywall,<br>plaster, concrete, block,<br>aluminum                                | Excellent gloss & color retention, excellent<br>resistance to marring & chipping                       | N/A                        | N/A                   |
| Pacific Polymers,<br>Res-Crete Epoxy Protective Coating or Lining,<br>2                              | 0  | 100 | 50      | Aggregate mix for floors/decks,<br>overlays                                                             | Strong                                                                                                 | N/A                        | 35 minutes            |
| Polibrid Coatings,<br>Polibrid 705                                                                   | 0  | 100 | 1604    | Concrete, steel                                                                                         | Tough, flexible                                                                                        | N/A                        | 2 years               |
| Polibrid Coatings,<br>Polibrid 706                                                                   | 0  | 100 | 1604    | Geotextile Fabrics                                                                                      | Tough, flexible, resilient elastomeric<br>polyurethane                                                 | N/A                        | 1 year                |
| Polibrid Coatings,<br>Polibrid 670-S                                                                 | 3  | 99  | 1599    | Concrete                                                                                                | Good adhesion, superior moisture tolerance                                                             | N/A                        | 1 year                |
| Sherwin Williams,<br>Envirolastic AR520 PW,<br>2                                                     | 0  | 100 | 6 to 53 | Pipe, tanks                                                                                             | Fast cure                                                                                              | N/A                        | 1 year                |
| Sherwin Williams,<br>Envirolastic AR520 SS,<br>2                                                     | 0  | 100 | 6 to 53 | Floors, decks                                                                                           | Fast cure                                                                                              | N/A                        | 1 year                |
| Sherwin Williams,<br>Envirolastic AR425,<br>2                                                        | 0  | 100 | 6 to 53 | Tanks, marine bridges, decks,<br>aquariums, mechanical rooms,<br>manhole linings, basins,<br>reservoirs | Tough, flexible, impact resistant, waterproof                                                          | N/A                        | 1 year                |
| Sherwin Williams,<br>Magnaplate Reinforced Vinyl Laminate System,<br>2                               | 40 | 100 | 100     | Steel storage tanks, lining system<br>for secondary containment<br>applications                         | Chemical resistant                                                                                     | N/A                        | 3 months              |
| Sherwin Williams,<br>Cor-Cote E.N. 7000 High Build Epoxy Novolac<br>Coating,<br>2                    | 0  | 100 | 115-160 | Protection of steel, concrete<br>floors, walls                                                          | Excellent adhesion, high build, chemical<br>resistant, abrasion resistant, corrosion resistant         | N/A                        | 18 months             |
| Sherwin Williams,<br>Cor-Cote HP High Performance Epoxy,<br>2                                        | 0  | 100 | 160-320 | Protection of steel surfaces                                                                            | Stain resistant, chemical resistant                                                                    | N/A                        | 18 months             |
| Sherwin Williams,<br>Corobond Conductive Epoxy Primer,<br>2                                          | 0  | 100 | 250-400 | Concrete substrate                                                                                      | Excellent bond to concrete substrate                                                                   | Gloss                      | 60 minutes/ 18 months |
| Sherwin Williams,<br>Dura-Plate UHS Ultra High Solids Epoxy TRM.35,<br>2                             | 40 | 98  | 130-160 | Steel & concrete surfaces                                                                               | Superior protection                                                                                    | Gloss                      | 45 minutes/ 36 months |
| Sherwin Williams,<br>Dura-Plate UHS Primer Ultra High Solids Epoxy<br>TRM.33,<br>2                   | 40 | 98  | 200-400 | Prepared steel, concrete surfaces                                                                       | Excellent surface wetting & adhesion                                                                   | Gloss                      | 45 minutes/ 36 months |
| Sherwin Williams,<br>Envirolastic AR200 HD,<br>2                                                     | 30 | 100 | 6 to 80 | Tank lining                                                                                             | Tough, hard, abrasion resistant                                                                        | N/A                        | 1 year                |
| Sherwin Williams,<br>Envirolastic AR530 Brush Grade,<br>2                                            | 0  | 100 | 6 to 53 | Tank lining                                                                                             | Fast cure, seamless, flexible                                                                          | N/A                        | 1 year                |

|                                                                                    |     |     |              |                                                                                             |                                                       |            |                                     |
|------------------------------------------------------------------------------------|-----|-----|--------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------|------------|-------------------------------------|
| Sherwin Williams,<br>Nova-Plate UHS Primer Ultra High Solids Epoxy<br>TRM.37,<br>2 | 12  | 98  | 133-262      | Tank interiors, well deck<br>overheads                                                      | Excellent surface wetting & adhesion                  | N/A        | 1 year                              |
| Sherwin Williams,<br>Nova-Plate UHS Ultra High Solids Epoxy TRM.38,<br>2           | 12  | 98  | 130-160      | Ballast tank interiors, well deck<br>overheads, oil tank interiors                          | Superior protection                                   | N/A        | 1 year                              |
| Sherwin Williams,<br>Poly-Glass Polyester Laminate System,<br>2                    | 40  | 100 | 100          | Interior storage tanks                                                                      | Chemically resistant                                  | N/A        | 3 months                            |
| Sherwin Williams,<br>Sher-Tuff Epoxy Flexible Epoxy Coating,<br>2                  | 0   | 100 | 60-80        | Kitchens, rooms, storage areas,<br>packaging areas, locker rooms,<br>showers, loading docks | Tough, chemical resistant                             | N/A        | 1 year                              |
| Sherwin Williams,<br>Sher-Tuff Urethane Enamel Coating,<br>2                       | 0   | 100 | 320-533      | Structure steel, tank exteriors,<br>steel, metal decking                                    | High chemical resistance                              | N/A        | 1 year                              |
| Sherwin Williams,<br>Zinc Clad XI,<br>2                                            | 0   | 68  | 220-365      | Properly blasted steel                                                                      | Abrasion and corrosion resistant                      | Flat       | 1 year (part E), 24 months (part F) |
| Sherwin Williams,<br>Tower-Guard HS Transmission Tower Coating                     | 70  | 89  | 145-240      | Electrical towers, substation<br>towers, poles, fences, duct work                           | Corrosion resistant, excellent exterior<br>durability | N/A        | 1 year                              |
| Wasser,<br>MC-Miozinc 100,<br>1                                                    | 100 | 73  | 1171 @ 1 mil | Blast cleaned or power tool<br>cleaned surfaces                                             | Outstanding corrosion resistance                      | Matte      | 1 year                              |
| Wasser,<br>MC-Luster 100,<br>1                                                     | 100 | 70  | 1098 @ 1 mil | Applied anywhere including<br>marine splash zones                                           | UV and abrasion resistant                             | Semi-gloss | 1 year                              |
| Wasser,<br>MC-CR 100,<br>1                                                         | 100 | 73  | 1171 @ 1 mil | Overcoat for old lead based<br>paints                                                       | Resists peeling, superior adhesion                    | N/A        | N/A                                 |
| ZRC,<br>Galvanizing Compound Metallic Zinc Coating,<br>2                           | 0   | 44  | 232          | Apply to carbon steel, cast iron,<br>hot-dip galvanized, aluminum                           | Pencil Hardness 4B, anti-corrosion protection         | Flat       | 1 year                              |

N/A= Not Available

**High Temperature IMC  
420g/L and less****Samples 24**

| Coating Company and Product Name, components | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                 | Coating Characteristics                                                                                      | Temperature Resistance | Pot Life @70 deg./ Shelf Life |
|----------------------------------------------|-----------------------|-------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|
| Dampney,<br>Thurmalox 200C,<br>1             | 410                   | 42                      | 219                               | Stacks, reformers, furnaces,<br>compressors, piping, process<br>vessels, heater, boiler casings,<br>engines, pumps | Outstanding adhesion, film integrity, color<br>stability, corrosion, weathering, thermal shock<br>resistance | 500                    | 1 year                        |
| Dampney,<br>Thurmalox 210C,<br>2             | 381                   | 30                      | 160                               | Stacks, refinery equipment,<br>reformers, furnaces, turbines,<br>engines, Pumps, manifolds, hear<br>exchangers     | Outstanding adhesion, film integrity, color<br>stability, corrosion, weathering, thermal shock<br>resistance | 500                    | 1 year                        |
| Dampney,<br>Thurmalox 216 Topcoat,<br>2      | 316                   | 62                      | 332                               | Insulated hot equipment and<br>piping and equipment exposed<br>to severer thermal shock to 450°                    | Durable, tough, excellent chemical resistance                                                                | 450                    | 1 year                        |
| Dampney,<br>Thurmalox 218 Primer ,<br>2      | 312                   | 61                      | 329                               | Metal surfaces, equipment<br>exposed to wet-dry-wet cyclic<br>conditions from ambient to 450°                      | Durable, tough, excellent chemical resistance                                                                | 450                    | 1 year                        |

|                                                    |     |    |         |                                                                                                              |                                                                                                        |      |          |
|----------------------------------------------------|-----|----|---------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------|----------|
| Dampney,<br>Thurmalox 219 Topcoat ,<br>2           | 312 | 56 | 329     | Metal surfaces, equipment exposed to wet-dry-wet cyclic conditions from ambient to 450°                      | Durable, tough, excellent chemical resistance                                                          | 450  | 1 year   |
| Dampney,<br>Thurmalox 245C,<br>2                   | 396 | 50 | 278     | Stacks, breechings, boiler casings, exhausts, heat exchangers, heaters, crackers, furnaces                   | Excellent adhesion                                                                                     | 1000 | 6 months |
| Dampney,<br>Thurmalox 225HB,<br>1                  | 333 | 60 | 320     | Stacks, Manifolds, mufflers, hot piping, process vessels, refinery equipment, furnaces, ovens                | Excellent adhesion                                                                                     | 1000 | 1 year   |
| Dampney,<br>Thurmalox 2600,<br>1                   | 371 | 56 | 300     | Interior walls of boilers, furnaces, breechings, ducts, and stacks. Dry scrubbers                            | Tough, chemical & abrasion resistant                                                                   | 600  | 1 year   |
| Dampney,<br>Thurmalox 2804,<br>1                   | 155 | 28 | 150     | Stacks, breechings, boiler casings, refinery equipment, reformers, kilns, ovens, engines, manifolds          | Outstanding adhesion, film integrity, color stability, corrosion, weathering, thermal shock resistance | 1000 | 1 year   |
| Dampney,<br>Thurmalox 280C,<br>1                   | 419 | 38 | 203     | Stacks, breechings, heaters, cracker, reformers, kilns, ovens, compressors, engines, piping, pumps           | Outstanding adhesion, film integrity, color stability, corrosion, weathering, thermal shock resistance | 1200 | 1 year   |
| Dampney,<br>Thurmalox 260C,<br>1                   | 381 | 60 | 350     | Provides an early warning indicator of process vessel overheating due to gas bypassing or refractory failure | Outstanding adhesion, film integrity, color stability, corrosion, weathering, thermal shock resistance | 500  | 1 year   |
| Dampney,<br>Thurmalox 230C,<br>1                   | 372 | 56 | 300     | Stacks, Manifolds, mufflers, hot piping, process vessels, refinery equipment, furnaces, ovens                | Outstanding adhesion, film integrity, color stability, corrosion, weathering, thermal shock resistance | 1000 | 1 year   |
| Dampney,<br>Thurmalox 70C,<br>1                    | 413 | 52 | 278     | Stainless steel piping , vessels, and equipment                                                              | Excellent adhesion                                                                                     | 700  | 1 year   |
| Ellis,<br>982 Hi-Heat Black & 983 Hi-Heat Aluminum | 420 | 55 | 578-598 | Boiler fronts, Heat exchanger                                                                                | Good hide & coverage, long term protection                                                             | 1200 | 1 year   |

N/A= Not Available

## Zinc Rich IM Coatings

250 g/l &amp; less

Samples

6

| Coating Company,<br>Product Name,<br>Components                                 | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure          | Coating Characteristics                                                   | Drying time to recoat | Pot Life @70 deg./ Shelf Life          |
|---------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|---------------------------------------------|---------------------------------------------------------------------------|-----------------------|----------------------------------------|
| Ameron,<br>W/B Inorganic Zinc Silicate Primer                                   | 0                     | N/A                     | 1010                              | Bridges, cranes, offshore platforms         | Resistance to mudcracking, rapid water resistance, fast drying & handling | 3-22 hours            | 8                                      |
| ICI Paints (Devoe),<br>High Performance Coatings<br>Catha Coat 302V Zinc Primer | 246                   | 78                      | 1250                              | Steel structures, tanks, equipments, piping | Exceptional resistance to corrosion, mud cracking, fast dry               | 15 hours              | 2 years                                |
| ICI Paints (Devoe),<br>Catha Coat 305<br>Water Based Inorganic Zinc Coating     | 0                     | 61                      | 978                               | Steel structures, tanks, equipments, piping | Resistance to solvents, good color contrast, resists mudcracking          | 2 hours               | 5 hours                                |
| Sherwin Williams,<br>Zinc Clad XI,<br>2                                         | 0                     | 68                      | 220-365                           | Steel surfaces                              | Abrasion resistant, fast drying/curing, long term durability              | 4 hours               | 12 months (part E)/ 24 months (part F) |
| Zinc Plate<br>Waterbased Inorganic Zinc Rich Preconstruction<br>Primer          | 0                     | 45                      | 690-1000                          | Steel, marine vessels                       | Heat resistant, protects against corrosion, fast dry                      | 3 hours               | 9 months                               |
| ZRC,<br>Galvanite                                                               | 0                     | N/A                     | N/A                               | N/A                                         | N/A                                                                       | N/A                   | N/A                                    |

N/A= Not Available

**Nonflats (High Gloss)****150-50 g/l****Samples****8**

| Coating Company,<br>Product Name,<br>Components                                                | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                   | Coating Characteristics                                                                                         | Drying time to recoat |
|------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------|
| Devoe High Performance Coatings<br>Waterborne Aliphatic Acrylic<br>DEVTHANE 399 Cat # 399KXXXX | 60                    | 49                      | 786                               | Concrete or steel floors,<br>primed steel, masonry,<br>drywall, plaster, galvanized steel,<br>aluminum, glazed brick | Low VOC, excellent resistance to marring and<br>chipping, low odor                                              | 2 hours               |
| Dulux Paint Centers<br>Dulux Ultra-Interior/Exterior<br>Gloss Enamel 1508-XXXX                 | 120                   | 43                      | 345-460                           | Wood, metal, and masonry<br>surfaces                                                                                 | Interior/Exterior use, resistance to yellowing,<br>stain blocking and stain resistance, moisture<br>resistance, | 2 hours               |
| Diamond Vogel Paints,<br>V-Cote 131 Waterborne Acrylic Epoxy                                   | 135                   | 35                      | 609                               | Interior & Exterior walls, steel,                                                                                    | High gloss, Low odor                                                                                            | 4 hours               |
| Dupont,<br>IMRON 230ZV                                                                         | 90                    | 77                      | N/A                               | Walls                                                                                                                | Sheen: >90 @ 60 degree, Chemical resistant,<br>flexible, abrasion resistant                                     | N/A                   |
| Frazee,<br>041 Latex Gloss Enamel Interior                                                     | 146                   | 35                      | 150-400                           | Block, concrete, drywall,<br>hardboard, metal, plaster, wood                                                         | Sheen: 80-85 @ 60, High hiding, tough,<br>washable, good mar resistance                                         | 8 hours               |
| Pittsburgh Paints,<br>Brilliant Reflections 51-45 Series                                       | 120                   | 38                      | 400-500                           | Cabinets, garden equipment,<br>kitchen walls, wood, exterior<br>trim, lawn/porch furniture,<br>interior trim         | Sheen: 70-100 @ 60, High hiding, tough,<br>washable, good mar resistance                                        | 4 hours               |
| Pittsburgh Paints,<br>Manor Hall Int/Ext Gloss Acrylic Latex 52-110 Series                     | 149                   | 38                      | 400-450                           | Cabinets, garden equipment,<br>kitchen walls, wood, exterior<br>trim, lawn/porch furniture,<br>interior trim         | Sheen: 70-100 @ 60, High hiding, tough,<br>washable, good mar resistance                                        | 4 hours               |
| Sherwin Williams,<br>SuperPaint Ext. High Gloss Latex Enamel A85 Series                        | 119                   | 42                      | 350-400                           | Wood, metal, steel, masonry,<br>stucco, vinyl trim, shutters                                                         | Sheen: 70+ @ 60, Block resistant, moisture<br>resistant, gloss retention                                        | 18 hours              |

N/A= Not Available

**Nonflats (High Gloss)****50 g/L and Less****Samples****1**

| Coating Company,<br>Product Name,<br>Components                   | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                            | Coating Characteristics                                                                                                     | Drying time to recoat |
|-------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Innovative Formulations Co.<br>Interior Paint-Mold Not-High Gloss | 0                     | N/A                     | 400-450                           | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal, resistance to fungi | one coat, fast dry, strong adhesion, excellent<br>weather-ability, durability, scrub resistance,<br>"hideriffic" technology | 2 hours               |

N/A= Not Available

**Nonflats (Gloss)****150 g/l to 50 g/l****Samples****3**

| Coating Company and Product Name             | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage | Recommended substrate/<br>exposure         | Coating Characteristics                                          | Drying time to recoat |
|----------------------------------------------|-----------------------|-------------------------|----------|--------------------------------------------|------------------------------------------------------------------|-----------------------|
| Seal-Krete,<br>Floor Tex/ Skid-Proof EZ Coat | 64                    | N/A                     | 150      | Concrete, wood, primed metal,<br>styrofoam | Gloss finish, waterproof, weather resistant,<br>impact resistant | N/A                   |

|                                                                             |     |    |         |                                |                                                                                        |         |
|-----------------------------------------------------------------------------|-----|----|---------|--------------------------------|----------------------------------------------------------------------------------------|---------|
| Target Coatings,<br>Emtech U9300 Polycarbonate Urethane Top Coat<br>(Gloss) | 60  | 32 | 500     | Wood substrates                | Gloss finish, UV resistant                                                             | N/A     |
| Vista Paint,<br>Carefree 8500, Ext.                                         | 145 | 36 | 300-400 | Drywall, concrete, wood, metal | Sheen: 78-82@ 60, Outstanding<br>weatherability, excellent scrubability,<br>durability | 8 hours |

N/A= Not Available

**Nonflats (Gloss)****50 g/l and less****Samples****2**

| Coating Company and Product Name                                                   | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage | Recommended substrate/<br>exposure                   | Coating Characteristics                               | Drying time to recoat |
|------------------------------------------------------------------------------------|-----------------------|-------------------------|----------|------------------------------------------------------|-------------------------------------------------------|-----------------------|
| Mills Superior Paints,<br>Envirolac Legacy,<br>Acrylic Water Borne 2600, Int./ext. | 1                     | 39                      | 350-400  | Various Substrates                                   | Sheen: 70-75 @ 60, Tough, durable, block<br>resistant | 4 hours               |
| Rust-Oleum (Sierra),<br>Beyond Multi Purpose Enamel                                | 0                     | 38                      | 214      | Doors, cabinets, trim, furniture,<br>equipment tanks | Sheen 75-80 @ 60, Excellent adhesion                  | N/A                   |

N/A= Not Available

**Nonflats (Semi-Gloss)****150 - 50 g/l****Samples****14**

| Coating Company and Product Name                                                | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                            | Coating Characteristics                                                                                                                             | Drying time to recoat |
|---------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Color Wheel,<br>Hi-Hide Semi-Gloss 220,<br>1                                    | 105                   | 34                      | 300-500                           | Concrete, Masonry, Plaster,<br>Wood Surfaces                                                                                  | Sheen 50-70 @ 60, excellent adhesion,<br>exceptional resistant to burnishing, non-<br>yellowing, extremely scrubable, washable                      | 8 hours               |
| Color Wheel,<br>Vina-Gloss Int Latex Enamel 420                                 | 107                   | 33                      | 300-500                           | Concrete, Masonry, Plaster,<br>Wood Surfaces                                                                                  | Sheen 40-60 @ 60, excellent adhesion,<br>exceptional resistant to burnishing, non-<br>yellowing, extremely scrubable, washable                      | 8 hours               |
| Diamond Vogel Paints,<br>BN Series Permacyl Ext. Semi Gloss                     | 121                   | 36                      | 577                               | Metal, Aluminum, exterior<br>wood, block, concrete                                                                            | Semi-gloss finish, fade resistant, durable                                                                                                          | 2-4 hours             |
| Diamond Vogel Paints,<br>Pro Plus Int. Semi Gloss Latex                         | 64                    | 31                      | 501                               | Plaster, wallboard, wood                                                                                                      | Semi-gloss finish, excellent application<br>characteristics                                                                                         | 4 hours               |
| Frazeo,<br>024 Speedsheen Semi Gloss Int. Vinyl                                 | 100                   | 28                      | 150-400                           | Int. Walls, Woodwork, Doors,<br>trim                                                                                          | Sheen 65-75 @ 60, tough, flexible                                                                                                                   | 3-4 hours             |
| Frazeo,<br>128 Satin Glide II, Int/Ext Acrylic Semi Gloss Finish                | 121                   | 34                      | 75-400                            | Drywall, Hard board, Metal,<br>Stucco, Wood                                                                                   | Sheen 60-70 @ 60, highly washable, durable                                                                                                          | 16 hours              |
| Frazeo,<br>5230700 Latex Dry Fall Semi Gloss White                              | 118                   | N/A                     | 100-200                           | Drywall, smooth wood, metal                                                                                                   | Sheen 20-25 @ 60, high hiding, light<br>reflective                                                                                                  | 2 hours               |
| ICI Paints (ICI Dulux)<br>Ultra-Hide Durus 2416                                 | 79                    | 42                      | 300-400                           | Wood, hardboard                                                                                                               | Sheen 40-50 @ 60, mildew resistant, excellent<br>color/gloss retention, durable, tough, moisture<br>resistant, resists peeling, blistering, flaking | 4 hours               |
| Innovative Formulations Co.<br>Ecological Paint-Interior/exterior<br>Semi-Gloss | 0                     | N/A                     | 400-450                           | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal                      | one coat, fast dry, excellent weather-ability,<br>durability, scrub resistance, "hideriffic"<br>technology                                          | 2 hours               |
| Innovative Formulations Co. Interior<br>Paint-Mold Not-Semi Gloss               | 0                     | N/A                     | 400-450                           | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal, resistance to fungi | one coat, fast dry, strong adhesion, excellent<br>weather-ability, durability, scrub resistance,<br>"hideriffic" technology                         | 2 hours               |

|                                                                                  |     |    |         |                                              |                                                                                            |         |
|----------------------------------------------------------------------------------|-----|----|---------|----------------------------------------------|--------------------------------------------------------------------------------------------|---------|
| Rodda,<br>Master Painter Interior Latex Semi Gloss Enamel                        | 133 | 33 | 280     | Masonry, wallboard, stone,<br>brick, wood    | Semi-gloss finish, protects & beautifies                                                   | 4 hours |
| Rodda,<br>Unique II Semi Gloss                                                   | 147 | 36 | 280     | Wall, trim                                   | Semi-gloss finish, superior washability,<br>durability, resists cracking and deterioration | 3 hours |
| Sherwin Williams,<br>Pro Mar 200 Int Latex Semi Gloss B31W200 Series             | 85  | 40 | 350-400 | Walls, ceilings, plaster,<br>wallboard, wood | Sheen 25-35 @ 60, durable                                                                  | 4 hours |
| Target Coatings,<br>Emtech U9300 Polycarbonate Urethane Top Coat<br>(Semi-gloss) | 60  | 32 | 500     | Boat, automotive interiors                   | Semi-gloss finish, excellent chemical<br>resistance, weatherability and UV stable          | N/A     |

N/A= Not Available

**Nonflats (Semi-Gloss)****50 g/l & Less****Samples****17**

| Coating Company and Product Name                                                         | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                                | Coating Characteristics                                                                                                           | Drying time to recoat                   |
|------------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Benjamin Moore,<br>Eco Spec Int Latex Semi Gloss Enamel 224<br>1                         | 0                     | 36                      | 400-450                           | Wood, plaster, masonry, metal                                                                                                     | Semi-gloss finish, durable, washable, spatter<br>resistant                                                                        | 2 hours                                 |
| California,<br>Latex Semi Gloss 663XX                                                    | 35                    | 39                      | 250-400                           | Plaster, sheetrock, wallboard,<br>concrete, masonry block, wood,<br>metal                                                         | Sheen 40-50 @ 60, extremely durable, anti-<br>spatter, superior leveling, adhesion, color<br>retention & scrubability             | 2 hours                                 |
| Color Wheel,<br>Hi-Hide Int Low VOC Latex Wall Paint 5520                                | 1                     | 37                      | 300-500                           | Concrete, masonry, wood<br>surfaces, gypsum wallboard,<br>Metal, aluminum                                                         | Sheen 30-40 @ 60, exceptional hiding,<br>scrubbable, washable                                                                     | 4 hours                                 |
| Columbia,<br>Purecoat Low Odor Acrylic Semi Gloss 05-572                                 | 0                     | 41                      | 360                               | Wood, drywall, plaster, masonry,<br>concrete, metal                                                                               | Sheen 55-65 @ 60, excellent spatter<br>resistance, excellent adhesion                                                             | 12-16 hours                             |
| Diamond Vogel Paints,<br>Health-Kote Low Odor Int Semi-Gloss Latex White<br>Base DS-1591 | 0                     | 34                      | 271-362                           | Drywall, plaster, masonry,<br>concrete                                                                                            | Semi-gloss finish, durable, excellent<br>washability                                                                              | 12 hours                                |
| Dunn Edwards,<br>Sierra Int Acrylic Semi-Gloss Enamel W 550                              | 0                     | 38                      | 350-400                           | Drywall, masonry, wood, metal                                                                                                     | Sheen 50-60 @ 60, excellent hide, good<br>adhesion                                                                                | 2-4 hours                               |
| Earthtech,<br>Int/Ext Zero VOC Latex Semi Gloss Enamel                                   | 0                     | 34                      | 425                               | Wood, masonry, metal, plaster,<br>drywall                                                                                         | Semi-gloss finish, excellent durability, color<br>retention, excellent hiding, blister, alkali, fume<br>& fade resistant          | 4 hours                                 |
| Frazer,<br>032 Envirokote Int Low Odor Semi Gloss Finish                                 | 20                    | 31                      | 200-400                           | Concrete, masonry, drywall,<br>hardboard, metal, plaster                                                                          | Sheen 60-70 @ 60, resistant to abrasion,<br>blocking, washing, yellowing                                                          | 18 hours                                |
| ICI Paints (Corona Paints),<br>Air Care Low Odor Acrylic Semi-Gloss                      | 0                     | 33                      | 450                               | Wood, drywall, plaster, masonry,<br>metal                                                                                         | Semi-gloss finish, flows easily, excellent<br>hiding power                                                                        | 4 hours                                 |
| Kelly Moore,<br>1520 Envirocote Int Acrylic Semi Gloss Enamel                            | 0                     | 36                      | 300                               | Interior wallboard, plaster,<br>masonry, walls, trims                                                                             | Sheen 55-65 @ 60, non-polluting                                                                                                   | 4 hours                                 |
| Rodda,<br>Horizon Semi Gloss                                                             | 0                     | 38                      | 305                               | Interior wallboard, plaster,<br>masonry, stone, brick, wood                                                                       | Semi-gloss finish, washable, uniform, durable                                                                                     | 2 hours                                 |
| Sherwin Williams,<br>Envirolastic AR530 Brush Grade TRM.81 Semi-<br>Gloss                | 0                     | 100                     | 100-160                           | Tank linings, secondary<br>containment, hopper and tank<br>car linings, waterproof deck<br>coatings, industrial floor and<br>wall | Fast cure, No VOC, seamless flexible and<br>waterproof, bridges moving cracks to 1/8",<br>acceptable in USDA inspected facilities | 20 minutes-minimum<br>16 hours -maximum |

|                                                                                 |    |     |         |                                                                                                                                                                               |                                                                                                                                                                                                      |                                        |
|---------------------------------------------------------------------------------|----|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Sherwin Williams,<br>Envirolastic AR520 SS TRM.88 Semi-Gloss                    | 0  | 100 | 6-53    | Plaza decks, ramps, stalls,<br>loading docks, bridge decks,<br>waterparks and theme parks,<br>geotextile linings, mechanical<br>equipment rooms, below grade<br>waterproofing | Fast cure, No VOC, seamless flexible and<br>waterproof, bridges moving cracks to 1/8",<br>impact, tear and abrasion resistant, protects<br>against chlorine intrusion                                | 3 minutes-minimum<br>16 hours -maximum |
| Sherwin Williams,<br>Envirolastic AR520 PW TRM.91 Semi-Gloss                    | 0  | 100 | 6-80    | Immersion exposure as a<br>seamless waterproofing liner for<br>fresh and salt water, elevated<br>steel water tanks, concrete water<br>tanks, brine tanks, aquariums           | Fast cure, No VOC, seamless flexible and<br>waterproof, bridges moving cracks to 1/8",<br>acceptable for USDA inspected facilities, NSF<br>approved to Std 61 for tanks of 200,00 gallons<br>minimum | 3 minutes-minimum<br>16 hours -maximum |
| Sherwin Williams,<br>Harmony Int Latex Semi Gloss B-10                          | 0  | 40  | 350-400 | Block, drywall, masonry, plaster,<br>wood                                                                                                                                     | Sheen 35-45 @ 60, anti-microbial                                                                                                                                                                     | 4 hours                                |
| Smiland (Morwear),<br>Int. Semi-Gloss 100% Acrylic Wall & Trim Enamel<br>190-01 | 12 | 44  | 300-400 | Walls, masonry, drywall, plaster                                                                                                                                              | Semi-gloss finish, superior hide, stain<br>resistant, maximum durability                                                                                                                             | 4 hours                                |
| Vista Paint,<br>6400 Earth Coat Semi Gloss                                      | 16 | 39  | 350-400 | Interior drywall, plaster,<br>masonry, concrete, wood                                                                                                                         | Sheen 48-52 @ 60, resistant to scuffing,<br>staining, abrasion. Excellent hide, touch up,<br>superior adhesion                                                                                       | 6 hours                                |

N/A= Not Available

**Nonflats (Low-Gloss)****150 g/l to 50 g/l****Samples****33**

| Coating Company and Product Name                                                | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                | Coating Characteristics                                                                                                                                                                                                                         | Drying time to recoat |
|---------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Cloverdale,<br>032 Series Premium Super Eggshell Latex                          | 125                   | 38                      | 350-450                           | Interior walls, drywall, masonry,<br>plaster                                      | Sheen 20-30 units @ 85 degrees, low spatter,<br>superb flow & leveling                                                                                                                                                                          | 6 hours               |
| Color Wheel,<br>Optima Super Acrylic Satin 100% Acrylic Ext Satin<br>130        | 100                   | 37                      | 300-500                           | Concrete, masonry, stucco,<br>wood, plywood, hardboard,<br>metal, steel, aluminum | Sheen 4-8 @ 60, superior adhesion, excellent<br>resistance to mildew & organic growth,<br>excellent color retention, chalk, alkali<br>resistance, exceptional resistance to blistering,<br>cracking, chipping, peeling, scrubable,<br>washable  | 4 hours               |
| Color Wheel,<br>Tropicoat Satin House Paint 100% Acrylic Ext Satin<br>3400      | 113                   | 37                      | 300-500                           | Concrete, masonry, stucco,<br>wood, plywood, hardboard,<br>metal, steel, aluminum | Sheen 5-15 @ 60, superior adhesion, excellent<br>resistance to mildew & organic growth,<br>excellent color retention, chalk, alkali<br>resistance, exceptional resistance to blistering,<br>cracking, chipping, peeling, scrubable,<br>washable | 4 hours               |
| Color Wheel,<br>Weathermaster Satin House Paint Ext Acrylic Latex<br>Stain 3700 | 81                    | 37                      | 300-500                           | Concrete, masonry, stucco,<br>wood, plywood, hardboard,<br>metal, steel, aluminum | Sheen 4-8 @ 60, superior adhesion, excellent<br>resistance to mildew & organic growth,<br>excellent color retention, chalk, alkali<br>resistance, exceptional resistance to blistering,<br>cracking, chipping, peeling, scrubable,<br>washable  | 4 hours               |
| Color Wheel,<br>Quick Cure Acrylic Ext 1252                                     | 129                   | 10                      | 250-400                           | Stucco, masonry, wood,<br>plywood, hardboard, cement<br>siding, metals, aluminum  | Low gloss finish, superior alkali &<br>efflorescence resistant, exceptional<br>penetration, breathable, durable, excellent<br>adhesion                                                                                                          | 4 hours               |
| Color Wheel,<br>Optima Satin Supreme 230 Int.                                   | 146                   | 36                      | 300-500                           | Concrete, masonry, wood,<br>wallboard, metals, aluminum                           | Sheen 4-8 @ 60, high hiding, excellent<br>coverage, exceptional resistance to burnishing,<br>extremely scrubable, washable, non-<br>yellowing                                                                                                   | 4 hours               |

# Master List for Appendix B-Rule 1113 11/5/2003

|                                                                                      |     |    |         |                                                                                        |                                                                                                                  |                                      |
|--------------------------------------------------------------------------------------|-----|----|---------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Color Wheel,<br>Hi Hide Lustre Int Latex Enamel 440                                  | 78  | 38 | 300-500 | Concrete, masonry, wood,<br>wallboard, metals, aluminum                                | Sheen 6-10 @ 60, excellent coverage,<br>adhesion, extremely scrubbable, washable, non-<br>yellowing              | 8 hours                              |
| Color Wheel,<br>Vina-Glo Int Latex Enamel 480                                        | 66  | 38 | 300-500 | Concrete, masonry, wood,<br>wallboard, metals, aluminum                                | Sheen 35-45 @ 85, good adhesion,<br>exceptional resistance to burnishing,<br>scrubbable, washable, non-yellowing | 8 hours                              |
| Diamond Vogel Paints,<br>DE Series Hide Plus Int Eggshell Ltx                        | 123 | 34 | 273-364 | Interior wood, drywall, plaster,<br>concrete block, masonry                            | Eggshell finish, durable, outstanding hide,<br>excellent touch up                                                | 12 hours                             |
| Diamond Vogel Paints,<br>DS-1561 Super Quick 30 Ltx Satin Spray Enamel               | 107 | 32 | 342-513 | Ferrous metal, aluminum,<br>interior wood, exterior wood                               | Satin finish, tough, durable, washable, non-<br>yellowing, good gloss & color retention                          | 2-3 hours                            |
| Diamond Vogel Paints,<br>BE-1531 Acri-Satin Ext Acrylic Ltx                          | 104 | 33 | 264-352 | Ferrous metal, aluminum,<br>interior wood, exterior wood                               | Satin finish, excellent fade resistance                                                                          | 2-4 hours                            |
| Diamond Vogel Paints,<br>BS Series Weather-Plate Ext 100% Acrylic Ltx                | 101 | 34 | 273-363 | Ferrous metal, aluminum,<br>interior wood, exterior wood                               | Satin finish, excellent fade resistance                                                                          | 2-4 hours                            |
| Diamond Vogel Paints,<br>BS Series Permacryl Ext Acrylic Ltx                         | 95  | 38 | 305-407 | Ferrous metal, aluminum,<br>interior wood, exterior wood                               | Satin finish, excellent fade resistance                                                                          | 2-4 hours                            |
| Diamond Vogel Paints,<br>DE Series Permacryl Int Eggshell Enamel                     | 120 | 36 | 290-387 | Ferrous metal, aluminum,<br>interior wood, exterior wood                               | Eggshell finish, spatter resistant, excellent<br>hide                                                            | 2-4 hours                            |
| Diamond Vogel Paints,<br>DE-1625 Pro Plus Eggshell Int Ltx White                     | 89  | 35 | 185-277 | Interior wood, drywall, plaster,<br>concrete block, poured concrete                    | Eggshell finish, highly durable                                                                                  | 4 hours                              |
| Dunn Edwards,<br>Tuff-Floor Porch & Deck 810, Int./ext.                              | 145 | 37 | 75-200  | Wood porches and decks                                                                 | Sheen 11-15 @ 60, durable, scuff resistant                                                                       | 4 hours                              |
| Frazeo,<br>022 Lo-Glo Interior Acrylic Eggshell Enamel                               | 93  | 39 | 250-350 | Concrete, masonry, drywall, hard<br>board, metal, plaster, smooth<br>wood              | Sheen 8-12 @ 60, excellent hiding,<br>washability                                                                | 18 hours                             |
| Frazeo,<br>026 Speedsheen Eggshell Interior                                          | 114 | 36 | 200-300 | Concrete, masonry, drywall, hard<br>board, metal, plaster, smooth<br>wood              | Sheen 4-7 @ 60, dirt resistant washable                                                                          | 18 hours                             |
| ICI Paints (ICI Dulux),<br>Dulux Ultra Eggshell acrylic 1403, interior               | 112 | 42 | 400     | Windows, wood trim, cabinets                                                           | Sheen 4-10 @ 60, excellent washability,<br>moisture resistance, block resistant, excellent<br>adhesion           | 3 hours                              |
| Kelly Moore,<br>SatN-Sheen Latex 1610, Int.                                          | 143 | 36 | 300-400 | Wallboard, masonry, wood &<br>hardboard                                                | Sheen 7-12 @ 60, durable                                                                                         | 24 hours                             |
| Kwal-Howells,<br>Accu-Tone Latex Eggshell 1903, Int.                                 | 88  | 34 | 350     | Interior plaster, gypsum board,<br>masonry, concrete, wood,<br>properly prepared metal | Eggshell finish, excellent durability, non-<br>yellowing                                                         | 4 hours                              |
| Life Paint Company,<br>92 Series High Build Waterproof Smooth Elastomeric<br>Coating | 92  | 46 | 100     | Exterior wall surfaces of<br>masonry, stucco, wood, metal,<br>concrete, block          | Sheen 7-10 @ 60, maintains adhesion and<br>flexibility, breathable, resistance to UV                             | 2 hours to touch, 24 hours to recoat |
| Miller,<br>Pro-Jex Eggshell 1880, Int.                                               | 56  | 34 | 300-350 | Plaster, masonry, wood, metal                                                          | Eggshell finish, good adhesion                                                                                   | 6 hours                              |
| Parker Paint,<br>Pro Satin Latex 5750, Int.                                          | 127 | 38 | 300-350 | Wallboard, concrete                                                                    | Sheen 2.5 -3 @ 60, high hiding                                                                                   | 4-8 hours                            |
| Pittsburgh Paints,<br>Speedhide Int Enamel Eggshell Latex                            | 71  | 39 | 400-500 | Ceilings, primed metal,<br>wallpaper, wood trim, masonry,<br>wallboard, walls          | Sheen 4-6 @ 60, high hiding, excellent touch<br>up properties, scrubbable                                        | 4 hours                              |
| Porter Paints,<br>Int. Latex Wall & Trim Paint 607                                   | 115 | 29 | 200-400 | Wall & trim                                                                            | Sheen 3-8 @ 60, good hiding, excellent<br>uniformity, washable, non-yellowing                                    | 4 hours                              |
| Rodda,<br>Master Painter Interior Latex Satin Wall Paint                             | 93  | 37 | 295     | Masonry, wallboard, stone,<br>brick, wood                                              | Satin finish, protects & beautifies                                                                              | 2 hours                              |
| Rodda,<br>Master Painter Interior Latex Low Gloss Wall Paint                         | 112 | 37 | 295     | Masonry, wallboard, stone,<br>brick, wood                                              | Low-gloss finish, protects & beautifies                                                                          | 4 hours                              |
| Rodda,<br>Unique II Low-Gloss Ext/Int Latex Enamel                                   | 137 | 36 | 290     | Wall, trim in kitchen &<br>bathrooms                                                   | Low-gloss finish, superior washability,<br>durability                                                            | 3 hours                              |

|                                                                                 |     |    |         |                                                                          |                                                                          |           |
|---------------------------------------------------------------------------------|-----|----|---------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------|
| Sherwin Williams,<br>ProMar 200 Int Latex Egg-Shel B20W200                      | 142 | 42 | 350-400 | Aluminum, galvanized steel,<br>block, drywall, plaster, masonry,<br>wood | Sheen 10-20 units @ 85 degrees                                           | 4 hours   |
| Sherwin Williams,<br>A-100 Ext Latex Satin A82                                  | 112 | 35 | 350-400 | Aluminum, galvanized steel,<br>block, drywall, plaster, masonry,<br>wood | Sheen of 10-20 units @ 60 degrees                                        | 4 hours   |
| Target Coatings,<br>Emtech U9300 Polycarbonate Urethane Top Coat<br>(Low Gloss) | 60  | 32 | 500     | Yacht interiors, automotive<br>interiors, fine tabletops                 | Satin finish, UV resistant, non-yellowing                                | 2-3 hours |
| Vista Paint,<br>8200 Carefree Velvasheen, Int.                                  | 148 | 43 | 300-400 | Drywall, plaster, wood                                                   | Sheen 9 @ 60, exceptional stain, dirt<br>resistance, good hide, adhesion | 4-6 hours |

N/A= Not Available

**Nonflats (Low-Gloss)****50 g/l and less****Samples****19**

| Coating Company and Product Name                                              | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                            | Coating Characteristics                                                                                                     | Drying time to recoat |
|-------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Benjamin Moore,<br>Eco Spec Int Latex Eggshell Enamel 223,<br>1               | 0                     | 36                      | 400-450                           | Wood, plaster, masonry, metal                                                                                                 | Sheen of 8-16 units @ 60 degrees, spatter<br>resistant                                                                      | 2 hours               |
| Color Wheel,<br>Low VOC Int. Latex 5540                                       | 1                     | 37                      | 300-500                           | Concrete, masonry, wood<br>surfaces, gypsum wallboard,<br>ferrous metals, aluminum,<br>galvanized metals                      | Sheen 15-30 @ 85, high hiding, outstanding<br>touch up, scrubbable, washable, non-<br>yellowing                             | 4 hours               |
| Earthtech,<br>Premium Satin Paint Int.                                        | 0                     | 35                      | 425                               | Plaster, wood, metal, drywall                                                                                                 | Satin finish, excellent durability, color<br>retention, excellent hiding, blister, fungus,<br>alkali & fade resistant       | 4 hours               |
| Diamond Vogel Paints,<br>DE-1591 Health-Kote Low Odor                         | 0                     | 36                      | 285-380                           | Walls, ceilings, trim                                                                                                         | Eggshell finish, excellent washability, durable                                                                             | 12 hours              |
| Dunn Edwards,<br>Int/Ext Latex Low Sheen W 5946                               | 50                    | 37                      | 300-400                           | Drywall, masonry, interior &<br>exterior wood, metal                                                                          | Sheen 10-15 @ 60, durable, weather resistant                                                                                | 4 hours               |
| Dunn Edwards,<br>Sierra Int Acrylic Eggshell Enamel W 540                     | 0                     | 38                      | 350-400                           | Drywall, masonry, wood, metal                                                                                                 | Eggshell finish, excellent hide, good adhesion                                                                              | 2-4 hours             |
| EPMAR,<br>Kemiko Col-R-Tone III Acrylic Urethane, Int./Ext.                   | 49                    | 60                      | 300-400                           | Floors, facades, steel, concrete<br>storage tank exteriors, concrete<br>bridges, pump equipment                               | Satin finish, resilient, non-yellowing                                                                                      | 1 hour                |
| Frazee,<br>029 Envirokote Int. Low Odor Eggshell                              | 27                    | 34                      | 200-400                           | Interior walls, ceilings, trim                                                                                                | Sheen 8-12 @ 85, resistant to abrasion,<br>blocking washing, yellowing                                                      | 18 hours              |
| ICI Paints (Corona Paints),<br>Air Care Odorless Acrylic Eggshell             | 0                     | 39                      | 450                               | Wood, drywall, plaster, masonry,<br>metal                                                                                     | Sheen 20-25 @ 85, flows easily, excellent<br>hiding power                                                                   | 4 hours               |
| Innovative Formulations Co.<br>Ecological Paint-Interior/exterior<br>Eggshell | 0                     | N/A                     | 400-450                           | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal                      | one coat, fast dry, excellent weather-ability,<br>durability, scrub resistance, "hideriffic"<br>technology                  | 2 hours               |
| Innovative Formulations Co.<br>Interior Paint-Mold Not<br>Eggshell            | 0                     | N/A                     | 400-450                           | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal, resistance to fungi | one coat, fast dry, strong adhesion, excellent<br>weather-ability, durability, scrub resistance,<br>"hideriffic" technology | 2 hours               |
| Innovative Formulations Co.<br>Ecological Paint-Interior/exterior<br>Satin    | 0                     | N/A                     | 400-450                           | interior drywall, plaster,<br>concrete, most masonry surfaces,<br>covers properly primed wood &<br>metal                      | one coat, fast dry, excellent weather-ability,<br>durability, scrub resistance, "hideriffic"<br>technology                  | 2 hours               |
| Kelly Moore,<br>1510 Enviro-Cote Int. Acrylic Satin Enamel                    | 0                     | 39                      | 300                               | Wallboard, plaster, masonry,<br>trim                                                                                          | Sheen 7-12 @ 60, non-polluting                                                                                              | 4 hours               |
| Rodda,<br>Horizon Satin                                                       | 0                     | 37                      | 300                               | Interior wallboard, plaster,<br>masonry, concrete block, stone,<br>brick, wood                                                | Satin finish, washable, uniform, durable                                                                                    | 2 hours               |

|                                                                     |    |    |         |                                                                 |                                                              |         |
|---------------------------------------------------------------------|----|----|---------|-----------------------------------------------------------------|--------------------------------------------------------------|---------|
| Sherwin Williams,<br>Harmony Int. Latex Eg-Shel B9 Series           | 0  | 39 | 350-400 | Drywall, masonry, concrete,<br>cement, block, wood              | Sheen 1-20 @ 85, durable, anti-microbial                     | 4 hours |
| Smiland (Morwear),<br>Int Satin Acrylic Wall & Trim Enamel 180-01   | 12 | 44 | 300-400 | Walls, trim, masonry, drywall,<br>plaster concrete, wood, metal | Satin finish, superior hide, stain resistant                 | 4 hours |
| Union Tank Car Company,<br>Lithcote Aqua-Flex W/B Hopper Car Lining | 0  | 52 | 834     | N/A                                                             | Satin finish                                                 | N/A     |
| Vista Paint,<br>6300 Earth Coat Eggshell                            | 15 | 42 | 350-400 | Interior drywall, plaster,<br>masonry, concrete                 | Sheen 7-9 @ 60, resistant to scuffing, staining,<br>abrasion | 6 hours |
| Vista Paint,<br>MB30 Aurora Bond II                                 | 47 | 51 | 300-350 | Wood, plywood, drywall,<br>masonry                              | Sheen 7.4 @ 60, good durability, fade resistant              | 4 hours |

N/A= Not Available

**Primer, Sealer, Undercoater****200g/L –100g/L****Samples****22**

| Coating Company,<br>Product Name,<br>Components                                       | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                                                    | Coating Characteristics                                                                                                         | Drying time to recoat | Pot Life @70 deg./ Shelf Life |
|---------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------|
| Carboline,<br>Carbocrylic 3359 DTM,<br>1                                              | 110                   | 40                      | 161                               | Metal Surfaces                                                                                                                        | Smooth, excellent weatherability, durable,<br>excellent resistance to flash rusting                                             | 4 hours               | 2 years                       |
| Carboline,<br>Carbocrylic 3358,<br>1                                                  | 153                   | 37                      | 593                               | Direct to Metal                                                                                                                       | Smooth, excellent weatherability, durable,<br>excellent resistance to flash rusting                                             | 3 hours               | 2 years                       |
| Cardinal,<br>Waterborne Primer Systems                                                | 164                   | 41                      | N/A                               | Metal Surfaces                                                                                                                        | Good adhesion, durable                                                                                                          | 2 hours               | N/A                           |
| CeRam Kote,<br>Ceram-Thane 100,<br>1                                                  | 120                   | 50                      | 800                               | Direct to Metal                                                                                                                       | UV light resistant                                                                                                              | 4 hours               | N/A                           |
| Columbia,<br>Premium Pro Latex Enamel undercoater 02-735 Int.                         | 120                   | 37                      | 320-400                           | Interior drywall, masonry                                                                                                             | Chemical resistant                                                                                                              | 2-4hours              | N/A                           |
| Devoe High Performance Coatings<br>Waterborne Epoxy Primer<br>DEVTRAN 203             | 107                   | 45                      | 719                               | Interior or exterior steel,<br>aluminum and certain galvanized<br>metal surfaces, concrete,<br>masonry, glazed brick, ceramic<br>tile | Excellent adhesion, corrosion resistance, good<br>finish coat hiding, low odor, low VOC, easy<br>application                    | 4 hours               | N/A                           |
| Devoe High Performance Coatings<br>Gloss DTM Waterborne Acrylic Enamel<br>DEVFLEX 659 | 124                   | 39                      | 156-313                           | Interior or exterior steel,<br>weathered galvanized steel in<br>institutional, residential and light<br>industrial areas              | Direct to metal, low VOC, low odor, fast dry<br>& recoat, resist flash rust, corrosion resistant,<br>high hiding, non-yellowing | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>DU-1514 PVA Primer Sealer                                    | 114                   | 30                      | 23-319                            | Interior Walls, Ceilings                                                                                                              | Fast drying, excellent hold out                                                                                                 | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>DU-1502 Interior Primer Sealer                               | 152                   | 34                      | 272-363                           | Drywall, plaster, brick, masonry                                                                                                      | Alkali resistant                                                                                                                | 4 hours               | N/A                           |
| Diamond Vogel Paints,<br>BU Series Weather Plate Primer                               | 151                   | 34                      | 272-362                           | Wood, hardboard, aluminum                                                                                                             | Excellent adhesion                                                                                                              | 2-4 hours             | N/A                           |
| Gaco Western Inc.,<br>GacoFlex E-5320 Epoxy Primer                                    | 111                   | 44                      | 70-100                            | Masonry block filler                                                                                                                  | Excellent adhesion                                                                                                              | N/A                   | 1-1/2 hours                   |
| Gemini,<br>Pro White Waterborne Series                                                | 120                   | 36                      | 580                               | Wood Surfaces                                                                                                                         | Excellent adhesion                                                                                                              | 45 minutes            | N/A                           |
| Kelly Moore,<br>255-Stain Lock II Primer                                              | 140                   | 40                      | 250-400                           | Bare wood                                                                                                                             | Chemically absorbent                                                                                                            | 2 hours               | N/A                           |
| Life Paint Company,<br>7075 Acrylic Latex Stain Blocking Busan Primer                 | 125                   | 39                      | 150-200                           | Concrete, masonry, stucco,<br>Wood, metal, glossy surfaces                                                                            | Stain blocking, Superior Adhesion                                                                                               | 90 minutes            | N/A                           |
| Parker Paint,<br>Stain Resistant Primer 1833 Acrylic latex Ext.                       | 128                   | 33                      | 165                               | Concrete, masonry, stucco                                                                                                             | N/A                                                                                                                             | 4 hours               | N/A                           |

|                                                                                 |     |    |         |                                                                                                                 |                                                                                                                  |                         |              |
|---------------------------------------------------------------------------------|-----|----|---------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|
| Prosooco,<br>Concrete Science Water Pel Natural Stone                           | 129 | 5  | N/A     | Stone, concrete                                                                                                 | Good adhesion, durable, water-repellent                                                                          | 4-6 hours               | 2 years S.L. |
| Sherwin Williams,<br>DTM Bonding Primer 1.22                                    | 51  | 42 | 135-335 | Pre-finished metal siding,<br>Silicon Polyester, other slick<br>glossy surfaces, previously<br>painted surfaces | Suitable for use in USDA inspected facilities,<br>corrosion resistant                                            | 4 hours                 | N/A          |
| Sherwin Williams,<br>DTM Acrylic Primer/Finish 1.21                             | 138 | 46 | 150-290 | Steel, Aluminum, Concrete,<br>Galvanizing, Masonry, Zinc<br>Rich Primers                                        | Fast drying, flash/early rust resistant, chemical<br>resistant, suitable for use in USDA inspected<br>facilities | 4 hours                 | N/A          |
| Sherwin Williams,<br>DTM Acrylic Coating 1.25                                   | 208 | 38 | 155-250 | Steel, Aluminum, Concrete,<br>Galvanizing, Masonry, Zinc<br>Rich Primers, Drywall                               | Fast drying, flash/early rust resistant, chemical<br>resistant, suitable for use in USDA inspected<br>facilities | 4 hours                 | N/A          |
| Sherwin Williams,<br>DTM Wash Primer 1.20A                                      | 143 | 29 | 250-470 | Aluminum, steel                                                                                                 | Fast drying, rust resistant                                                                                      | 2 hours                 | N/A          |
| Smiland (Morwear),<br>Primer Xcel Acrylic Stain Blocking Primer 2098<br>Int/Ext | 155 | 40 | 212     | Wood, masonry, stucco, brick,<br>non-ferrous metal                                                              | Stain blocking                                                                                                   | 4 hours                 | N/A          |
| United Coatings,<br>Canyon Tone Stain Pigmented Water-Repellent Stain           | 126 | 27 | 50-150  | Concrete, brick, stone, stucco                                                                                  | Color stability, ultraviolet resistance, alkali<br>and pollution resistance, water repellent                     | 15 min dry, 1 hour cure | N/A          |

N/A= Not Available

**Primer, Sealer, Undercoater  
100 g/l and less****Samples 72**

| Coating Company,<br>Product Name,<br>Components                                                           | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended substrate/<br>exposure                                                                     | Coating Characteristics                                                                                                 | Drying time to recoat | Pot Life @70 deg./ Shelf Life |
|-----------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------|
| Carboline,<br>Carbocrylic 120                                                                             | 72                    | 38                      | 610                               | Stainless steel, aluminum                                                                              | Fast drying                                                                                                             | 24 hours              | 36 months                     |
| Color Wheel,<br>Ti-Guard Sealer 430 Interior Flat                                                         | 98                    | 29                      | 146                               | Wall board, plaster, masonry,<br>stucco, wood, plywood                                                 | Outstanding resistance to blistering, cracking,<br>chipping, peeling, excellent adhesion                                | 4 hours               | N/A                           |
| Color Wheel,<br>WaterBorne Undercoat 8300 Interior                                                        | 73                    | 37                      | 210                               | Wall board, plaster, masonry,<br>stucco, wood, plywood                                                 | Excellent enamel holdout, excellent adhesion                                                                            | 1 hour                | N/A                           |
| Columbia,<br>Masterpiece Acry-Prime 05-200 Int/Ext                                                        | 84                    | 42                      | 360                               | Various Substrates                                                                                     | Stain Blocker                                                                                                           | 1 hour                | 2 years                       |
| Devoe High Performance Coatings<br>Direct-to-Metal Primer & Flat Finish<br>DEVFLEX 4020PF 4020-1000-white | 76                    | 44                      | 275-350                           | Exterior of tanks, metal<br>buildings, structural steel,<br>piping, handrails, masonry<br>construction | Direct-to-metal or masonry primer, shop<br>applications, low VOC, low odor, resists flash<br>rust, corrosion resistance | 2 hours               | N/A                           |
| Devoe High Performance Coatings<br>Direct-to-Metal Primer & Flat Finish<br>DEVFLEX 4020PF 4020-7100-red   | 80                    | 44                      | 275-350                           | Exterior of tanks, metal<br>buildings, structural steel,<br>piping, handrails, masonry<br>construction | Direct-to-metal or masonry primer, shop<br>applications, low VOC, low odor, resists flash<br>rust, corrosion resistance | 2 hours               | N/A                           |
| ICI Paints (Devoe),<br>Catha Coat 305 Water Based Inorganic Zinc Coating                                  | 0                     | 61                      | 978                               | Steel structures, tanks,<br>equipments, piping                                                         | Resistance to solvents, good color contrast,<br>resists mudcracking                                                     | 2 hours               | 5 hours                       |
| Diamond Vogel Paints,<br>DU-1508 Interior Latex Undercoater                                               | 56                    | 32                      | 516                               | Bare Interior Wood Surfaces                                                                            | Excellent hold out                                                                                                      | 1-2 hours             | N/A                           |
| Diamond Vogel Paints,<br>BU Series Sure Grip Acrylic Latex Primer                                         | 95                    | 38                      | 305-407                           | Wood, hardboard, aluminum,<br>masonry                                                                  | Outstanding adhesion                                                                                                    | 2-4 hours             | N/A                           |
| Dunn Edwards,<br>High Hide PVA Sealer W 5827                                                              | 60                    | 36                      | 300-400                           | Drywall                                                                                                | Excellent hiding power                                                                                                  | 4 hours               | N/A                           |
| Dunn Edwards,<br>Production Latex Wall Sealer W 2397                                                      | 60                    | 28                      | 250-300                           | Drywall, plaster                                                                                       | Good hide                                                                                                               | 4 hours               | N/A                           |
| Dunn Edwards,<br>Ultra Grip Acrylic Multi Purpose Primer W 715                                            | 45                    | 41                      | 400                               | Interior, exterior, wood                                                                               | Outstanding stain blocking, excellent enamel<br>holdout, great hide                                                     | 4-6 hours             | N/A                           |

|                                                                             |     |     |         |                                                          |                                                                                                        |                            |               |
|-----------------------------------------------------------------------------|-----|-----|---------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------|---------------|
| Dunn Edwards,<br>Production Latex Undercoater W 2400                        | 75  | 40  | 400     | Interior, synthetic wood,<br>hardboard                   | Good hide, adhesion & enamel hold out                                                                  | 2 hours                    | N/A           |
| Dunn Edwards,<br>Sierra Low Odor, Interior Sealer Undercoater<br>W 500      | 0   | 38  | 300-400 | Drywall, masonry, wood,<br>hardboard                     | Good hide, adhesion, & enamel holdout                                                                  | 2 hours                    | N/A           |
| Dunn Edwards,<br>Vinylastic Interior Pigmented Sealer W 101                 | 60  | 37  | 300-400 | Drywall, plaster, masonry                                | Good hide, adhesion, & enamel holdout                                                                  | 2-4 hours                  | N/A           |
| Dunn Edwards,<br>Proseal Interior Pigmented Sealer W 102                    | 55  | 30  | 250-300 | Drywall                                                  | Enamel holdout                                                                                         | 2-4 hours                  | N/A           |
| Dunn Edwards,<br>EFF-Stop Acrylic Masonry Primer/Sealer W 709               | 100 | 34  | 200-400 | Concrete, stucco, block                                  | Alkali Resistant                                                                                       | 2-4 hours                  | N/A           |
| EPMAR,<br>Kemiko Clear Acrylic Urethane,<br>1                               | 50  | 30  | 300-400 | Concrete, plaster, wood, FRP,<br>GFRG, metals            | Stain resistant                                                                                        | 1 hour                     | N/A           |
| EVR-Gard Coatings,<br>95 Busan Vinyl Acrylic Wood & Metal Primer            | 77  | 38  | 300-400 | Wood, masonry, metal                                     | Retards bleed through of tannins, resins                                                               | 4-5 hours                  | N/A           |
| EVR-Gard Coatings,<br>64 Quick Dry Latex Enamel Undercoat                   | 60  | 56  | 300-350 | Exterior Wood                                            | Good adhesion                                                                                          | 2 hours                    | N/A           |
| EVR-Gard Coatings,<br>63 Unikote Latex Enamel Undercoat                     | 97  | 37  | 300-400 | Wood, masonite                                           | Extremely tough                                                                                        | 4 hours                    | N/A           |
| EVR-Gard Coatings,<br>103 Evrcare Primer Sealer                             | 0   | N/A | 350-400 | All interior surfaces                                    | Excellent hiding power                                                                                 | 4-6 hours                  | N/A           |
| Farwest,<br>X-6791 Aquashield II Waterborne Resistant Rust                  | 76  | 39  | 300-400 | Metal Surfaces                                           | Fast drying                                                                                            | 1-3 hours                  | N/A           |
| Farwest,<br>MIL-P-28577B Fast Dry Red Oxide Primer                          | 89  | 32  | 300-400 | Metal shops                                              | High quality, water resistant, corrosion<br>resistant                                                  | 1-3 hours                  | N/A           |
| Farwest,<br>TT-P-650C Poroseal PVA Primer Sealer Interior                   | 27  | 32  | 300-500 | Interior Wallboard                                       | Adheres well, non-flammable                                                                            | 1-3 hours                  | N/A           |
| Farwest,<br>#5085 Latex Acrylic Primer (Exterior)                           | 46  | 34  | 200-400 | Exterior wood, masonry surfaces                          | Good blocking resistance                                                                               | 2-4 hours                  | N/A           |
| Farwest,<br>X-6785 Aquashield II Fast Dry Red Oxide Shop<br>Primer          | 76  | 39  | 300-400 | Metal Surfaces                                           | Water, corrosion resistant                                                                             | 3 hours                    | N/A           |
| Farwest,<br>#700 Wonderblok Stain Blocker Fast Dry Acrylic<br>Primer Sealer | 82  | 42  | 300-400 | Tile, hardboard, plastic laminate,<br>metal surfaces     | Water blocking                                                                                         | 2 hours                    | N/A           |
| Farwest,<br>#5030 Block Filler Latex Int/Ext                                | 25  | 28  | 100-150 | Cement walls, cinder block                               | Withstands moisture                                                                                    | 18 hours                   | N/A           |
| Farwest,<br>X-6762 Aquashield II Fast Dry Red Oxide Primer                  | 89  | 35  | 300-400 | Metal shop applications                                  | Good emulsion                                                                                          | 1-3 hours                  | N/A           |
| Farwest,<br>#970 Proseal PVA Primer Sealer (Interior)                       | 27  | 32  | 300-500 | Interior Wallboard                                       | Good emulsion                                                                                          | 1-3 hours                  | N/A           |
| Frazee,<br>172 Grip-N-Seal Acrylic primer Int/Ext.                          | 96  | 33  | 100-300 | Various substrates                                       | Stain blocking                                                                                         | 2-3 hours                  | N/A           |
| Frazee,<br>168 Prime Plus Int/Ext Acrylic Primer Sealer Stain<br>Killer     | 58  | 44  | 200-400 | Concrete, drywall, plaster, metal,<br>wood               | Top quality, resists alkali on concrete                                                                | 3-4 hours                  | N/A           |
| FUHR,<br>ZVOC Wax Seal & Finish                                             | 0   | 32  | N/A     | Interior & Exterior Wood<br>Substrates                   | Early block resistance                                                                                 | 20 minutes                 | N/A           |
| Global EcoTechnologies, Inc.<br>Endura-Flex 1200P<br>Epoxy Primer Sealer    | 0   | 100 | 1604    | Steel and porous substrates                              | For exposure to chemical and physical<br>environments found in water and water<br>treatment industries | When wet or tacky to touch | 40-50 minutes |
| Global EcoTechnologies, Inc.<br>Endura-Flex 550 Primer/Sealer               | 0   | 45  | 540     | Porous substrates such as<br>concrete, asphalt, and wood | For exposure to chemical and physical<br>environments found in water and water<br>treatment industries | 30 minutes                 | N/A           |
| Global EcoTechnologies, Inc.<br>Endura-Flex 19P Filler/Surfacer             | 0   | 80  | 12.8    | concrete and masonry                                     | Very high build and can be applied by either<br>spray or trowel                                        | 1 hour or less             | N/A           |
| Glitsa American, Inc.,<br>Infinity Sealer                                   | 85  | 30  | 500     | Wood Floors                                              | Fast drying                                                                                            | 1-3 hours                  | N/A           |

|                                                                                    |    |     |         |                                                                                                                                  |                                                                                                              |             |           |
|------------------------------------------------------------------------------------|----|-----|---------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------|-----------|
| ICI Paints (Color Your World),<br>8791 Acrylic Blokker Int/Ext                     | 97 | 49  | 68      | Wood, plaster, drywall, concrete,<br>stucco, masonry                                                                             | Stain Blocker                                                                                                | 2 hours     | N/A       |
| ICI Paints (ICI Dulux),<br>Dulux Pro Acrylic Primer 2000, Exterior                 | 95 | 51  | 300-500 | Exterior wood, concrete,<br>masonry, non-ferrous metal                                                                           | Mildew resistant                                                                                             | 1 hour      | 1 year    |
| ICI Paints (ICI Dulux),<br>Ultra Hide Aquacrylic Gripper 3210                      | 95 | 50  | 300-450 | Wood, masonry, previously<br>painted surfaces, galvanized<br>metal, aluminum                                                     | Blocks stains, high hiding, sealing, excellent<br>adhesion, moisture and alkali resistant                    | 1 hour      | 1 year    |
| ICI Paints (ICI Dulux),<br>Ultra-Hide PVA primer/sealer 1030, int.                 | 96 | 27  | 40      | Drywall, concrete block, brick                                                                                                   | N/A                                                                                                          | 2 hours     | 1 year    |
| International Protective Coatings,<br>Intercryl 520 Waterborne Acrylic             | 43 | 44  | 353     | Metal, concrete, wood                                                                                                            | Rust inhibitive                                                                                              | 2 hours     | N/A       |
| International Protective Coatings,<br>Intergard 270 Waterborne Acrylic             | 47 | 50  | 267     | Steel surfaces                                                                                                                   | Anti-corrosive                                                                                               | 3 hours     | N/A       |
| Insl-X Superior Coating Systems<br>Rust Arrestor RA-0104                           | 90 | 26  | 208     | Rusted areas where sandblasting<br>is not acceptable, repair and<br>maintenance of existing systems                              | Chemically converts tightly adhered rust to a<br>black iron complex thus stopping the<br>corrosion mechanism | 2 hours     | N/A       |
| KST (Snow Roof Systems),<br>Elasto Seal                                            | 1  | N/A | 100     | Tar, metal roofs, basement walls                                                                                                 | Excellent mildew resistance                                                                                  | 24 hours    | N/A       |
| KST (Snow Roof Systems),<br>Safe-T-Prime                                           | 1  | N/A | 100     | Tar, metal roofs, basement walls                                                                                                 | Excellent mildew resistance                                                                                  | 24 hours    | N/A       |
| Kwal-Howells,<br>Pro-Finish Acrylic primer 5860 Int./ext.                          | 77 | 43  | 250-350 | Wood, concrete, plastic,<br>hardboard, metal, drywall                                                                            | Alkali Resistant                                                                                             | 4 hours     | N/A       |
| Pittsburgh Paints,<br>Seal Grip 17-21                                              | 96 | 38  | 400-500 | Aluminum, Masonry, Stucco,<br>Wood, Metal, Plaster, wallboard                                                                    | Exceptional adhesion                                                                                         | 1 hour      | N/A       |
| Rodda,<br>Heavy Body Scotseal, Interior                                            | 87 | 41  | 330     | Primer under alkyd or emulsion<br>finishes on drywall                                                                            | N/A                                                                                                          | 2-3 hours   | N/A       |
| Rodda,<br>Roseal Pigmented Vinyl Acrylic                                           | 83 | 26  | 300     | Primer under oil type, emulsion<br>paints                                                                                        | Very fast drying                                                                                             | 2-4 hours   | N/A       |
| Sherwin Williams,<br>PrepRite 200 Int Latex Primer B28W200                         | 86 | 28  | 400     | Drywall, masonry, concrete                                                                                                       | Excellent coverage, excellent drywall sealer                                                                 | 4 hours     | N/A       |
| Sherwin Williams,<br>Armorseal 33 Epoxy P/S                                        | 0  | 100 | 200     | Industrial, commercial, marine<br>applications                                                                                   | Fast drying, excellent adhesion, abrasion<br>resistance, chemical resistant                                  | 1 day       | N/A       |
| Sherwin Williams,<br>Armorseal WB Epoxy P/S (8.20)                                 | 20 | 87  | 200     | Concrete, masonry                                                                                                                | Abrasion resistant, excellent adhesion, fast dry,<br>chemical resistant                                      | 2 days      | N/A       |
| Sherwin Williams,<br>Corobond 100 Epoxy P/S                                        | 13 | 13  | 98      | Concrete surfaces                                                                                                                | Fast dry, superior penetrating characteristics                                                               | 1 month     | N/A       |
| Sherwin Williams,<br>Corobond LT Low Temp Epoxy (TRM.72)                           | 0  | 100 | 200-400 | Concrete, masonry                                                                                                                | Blush resistant, low temp cure, moisture<br>tolerant cure                                                    | 18 hours    | 18 months |
| Sherwin Williams,<br>Prep Rite 400 Interior Latex Primer B28W400                   | 51 | 31  | 350-400 | Drywall, masonry, concrete,<br>previously painted surfaces                                                                       | Good drywall sealer                                                                                          | 4 hours     | N/A       |
| Sherwin Williams,<br>Sherthane High Performance Moisture Cured<br>Urethane Sealant | 48 | 97  | N/A     | Wide variety of substrates                                                                                                       | Fast cure, remains flexible, excellent exterior<br>durability, superior adhesion                             | 24-48 hours | 9 months  |
| Sherwin Williams,<br>Color-Prime Int Latex Primer Deep Tinting Base                | 95 | 28  | 350-400 | Drywall, masonry, concrete,<br>previously painted surfaces                                                                       | Excellent hiding primer, excellent coverage,<br>excellent drywall sealer                                     | 4 hours     | N/A       |
| Sherwin Williams,<br>SuperPaint Machine Finish Latex Primer B42W700                | 59 | 36  | 200-400 | Plywood, cement, wood                                                                                                            | Mildew resistant, tough, durable, moisture,<br>resistant                                                     | 2 hours     | N/A       |
| Sherwin Williams,<br>PrepRite ProBlock Int/Ext Latex P/S B51                       | 99 | 36  | 400     | Drywall, ceiling tiles, PVC<br>piping, cured plaster, paneling,<br>wall laminate, galvanized metal,<br>wood, aluminum, hardboard | Fast drying, good adhesion                                                                                   | 1-4 hours   | N/A       |
| Sherwin Williams,<br>PrepRite High Build Int Latex Primer/Surfacer<br>B28W601      | 71 | 25  | 400     | Drywall, cured plaster, under<br>decorative texture finishes                                                                     | Ensures coat will be smooth, minimizes minor<br>surface imperfections                                        | 4 hours     | N/A       |

|                                                                                        |     |     |          |                                                                                                                           |                                                                                   |         |     |
|----------------------------------------------------------------------------------------|-----|-----|----------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|-----|
| Sherwin Williams,<br>PrepRite Classic Int Latex Primer B28W101                         | 90  | 42  | 400      | Drywall, cured plaster, textured walls, aluminum, wood, pre primed metal, galvanized metal                                | Quick drying, fast sanding, excellent coverage, quality sealer under wallcovering | 2 hours | N/A |
| Sherwin Williams,<br>PrepRite Bonding Primer Int/Ext Adhesion Promoting Primer B51W50  | 41  | 44  | 350-400  | Metal, aluminum, steel copper, drywall, tile, glass, concrete, masonry                                                    | Excellent adhesion                                                                | 4 hours | N/A |
| Sherwin Williams,<br>Prep Rite 200 Interior Latex Primer B28W200                       | 86  | 30  | 400      | Drywall, concrete, masonry                                                                                                | Excellent coverage, excellent drywall sealer                                      | 4 hours | N/A |
| Sherwin Williams,<br>Harmony Int Latex Primer B11W900                                  | 0   | 35  | 350-400  | Apartments, department stores, office buildings, residences, supermarkets, hotel rooms, nursing homes, schools, hospitals | Anti-microbial, very low odor                                                     | 4 hours | N/A |
| Sherwin Williams,<br>Latex Primer A-100 Ext.                                           | 89  | 38  | 350-400  | Wood and plywood                                                                                                          | Mildew Resistant                                                                  | 4 hours | N/A |
| Sierra Corp (TK Products),<br>TK-709 Ultra Release                                     | 85  | N/A | 600-1800 | Concrete                                                                                                                  | Excellent slip agent                                                              | N/A     | N/A |
| Sierra Corp (TK Products),<br>TK-5334 VOC,<br>2                                        | 42  | N/A | 600-1800 | Wood, metal, fiber glass, paving equipment                                                                                | Rust preventative                                                                 | N/A     | N/A |
| Smiland (Morwear),<br>Primer Xcel Quick Grip Int/Ext Quick Dry Enamel Undercoater 4077 | 63  | 40  | 200-400  | Walls, masonry, drywall, plaster, concrete, brick, hardwood                                                               | Stain blocking                                                                    | 2 hours | N/A |
| Zehrunge,<br>Z-Prime II                                                                | 5   | 54  | N/A      | N/A                                                                                                                       | Non-flammable                                                                     | N/A     | N/A |
| Zinsser,<br>Bulls Eye 123 W/B Primer sealer                                            | 100 | N/A | 400-450  | Various Substrates                                                                                                        | Stain killer                                                                      | N/A     | N/A |

N/A= Not Available

**Quick Dry Enamels****400g/l to 150 g/L****Samples****5**

| Coating Company,<br>Product Name,<br>Components | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Gloss Characteristics | Recommended substrate/<br>exposure                                            | Coating Characteristics | Drying time to recoat |
|-------------------------------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------|-------------------------------------------------------------------------------|-------------------------|-----------------------|
| Ellis,<br>Hy-Lux W/B Ind. Ena. Yellow 1219      | 250                   | 30-32                   | 165                               | 80                    | Wide variety of substrates including, but not limited to steel, plastic, wood | Excellent adhesion      | 1-2 hours             |
| Ellis,<br>W/B Ind. Acry. Ena. Med. Green 1225   | 244                   | 30-32                   | 165                               | 80                    | Wide variety of substrates including, but not limited to steel, plastic, wood | Excellent adhesion      | 1-2 hours             |
| Vanex, Inc.,<br>Breakthru GLS-Pastel BS         | 215                   | N/A                     | N/A                               | N/A                   | N/A                                                                           | N/A                     | N/A                   |
| Vanex, Inc.,<br>Breakthru Satin-Clear           | 249                   | N/A                     | N/A                               | N/A                   | N/A                                                                           | N/A                     | N/A                   |
| Vanex, Inc.,<br>Breakthru Sat-Wrtimbk           | 242                   | N/A                     | N/A                               | N/A                   | N/A                                                                           | N/A                     | N/A                   |

N/A= Not Available

**Quick-Dry Primer, Sealer,  
150 g/l and less***(Numerous coatings listed in Primer, Sealer, Undercoater meet the dry time and gloss requirements of a Quick-Dry PSU)***Samples****41**

| Coating Company and Product Name | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal)<br>@3mils | Recommended<br>substrate/exposure | Coating Characteristics | Drying time to recoat | Pot Life @70 deg./ Shelf Life |
|----------------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------------|-------------------------|-----------------------|-------------------------------|
|----------------------------------|-----------------------|-------------------------|-----------------------------------|-----------------------------------|-------------------------|-----------------------|-------------------------------|

|                                                                   |     |     |                     |                                                                                                                                                                            |                                                                                                                                                                                                                                   |            |          |
|-------------------------------------------------------------------|-----|-----|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| ADCO,<br>PUR-100 Polyurethane Sealant,<br>1                       | 80  | N/A | N/A                 | Metals, glass, aluminum, plastic                                                                                                                                           | Good adhesion, fast cure, paintable, low odor                                                                                                                                                                                     | N/A        | 1 year   |
| ADCO,<br>PUR-200 Sealant/ Adhesive                                | 72  | N/A | N/A                 | Metals, glass, aluminum, plastic                                                                                                                                           | Good adhesion, fast cure, paintable, low odor                                                                                                                                                                                     | N/A        | 9 months |
| Ameron,<br>Amerlock Sealer 100% Solids Epoxy Sealer               | 0   | 100 | 1069                | Steel, old coatings                                                                                                                                                        | Non yellowing                                                                                                                                                                                                                     | N/A        | 2 hours  |
| Carboline,<br>Waterborne Acrylic                                  | 115 | 39  | 593                 | Steel                                                                                                                                                                      | Good adhesion                                                                                                                                                                                                                     | N/A        | 2 years  |
| CeRam Kote,<br>CeRam Floor Primer                                 | 0   | 100 | 800                 | Unsealed concrete                                                                                                                                                          | N/A                                                                                                                                                                                                                               | N/A        | N/A      |
| Color Wheel,<br>Optima All Prime 330,<br>1                        | 115 | 35  | 300-400<br>@1.6mils | Concrete, masonry, wood,<br>hardboard, aluminum, metals,<br>wallboard, ceilings, fiberglass                                                                                | Excellent adhesion, excellent alkali,<br>efflorescence resistance, resistant to blistering,<br>cracking, chipping, peeling, mildew resistant,<br>outstanding stain blocking, excellent chalk<br>resistance, resistant to moisture | 4 hours    | N/A      |
| Color Wheel,<br>Ti-Gard Latex Conditioner 1250                    | 75  | 20  | 300-500             | Masonry, stucco, plaster, wood,<br>ferrous metals, aluminum,<br>galvanized metals                                                                                          | Remarkable resistance to blistering, cracking,<br>chipping, peeling, excellent adhesion, low<br>odor, rapid dry                                                                                                                   | 4 hours    | N/A      |
| Columbia,<br>Econo Vapor-Barrier Latex Primer<br>02-724           | 110 | 28  | 200                 | Interior walls, ceilings                                                                                                                                                   | Superior resistance to highly alkaline<br>substrates                                                                                                                                                                              | 2-4 hours  | N/A      |
| Davlin,<br>Butylseal 572,<br>1                                    | 7   | N/A | 75-250              | Wood surfaces, masonry surfaces                                                                                                                                            | Good flexibility, adhesion                                                                                                                                                                                                        | 24 hours   | N/A      |
| Diamond Vogel Paints,<br>MC Series V-Cote 200 Acrylic             | 91  | 39  | 626                 | Steel, metal, wood, aluminum,<br>masonry                                                                                                                                   | Outstanding adhesion, rust inhibitive, fade<br>resistant                                                                                                                                                                          | 2-4 hours  | N/A      |
| Diamond Vogel Paints,<br>BU Series Sure Grip Acrylic Latex Primer | 95  | 38  | 610 @ 1 mil         | Wood, hardboard, aluminum,<br>masonry                                                                                                                                      | Outstanding adhesion, stain blocking                                                                                                                                                                                              | 2-4 hours  | N/A      |
| Frazee,<br>065 Acry-Prime Undercoater                             | 86  | 37  | 200-400             | Concrete, masonry, wood,<br>hardboard, metals, plaster,<br>drywall                                                                                                         | Excellent quality, fast drying, high hiding                                                                                                                                                                                       | 3-4 hours  | N/A      |
| Frazee,<br>061 Aqua Seal Interior Vinyl Acrylic Wall Sealer       | 106 | 29  | 125-350             | Drywall, concrete, masonry,<br>plaster, wood, hardboard                                                                                                                    | Good adhesion                                                                                                                                                                                                                     | 2 hours    | N/A      |
| Frazee,<br>266 Epotilt Exterior Epoxy Acrylic Concrete Sealer     | 80  | 40  | 100-350             | Block, concrete                                                                                                                                                            | Exceptional adhesion, resists alkali                                                                                                                                                                                              | 12 hours   | N/A      |
| Frazee,<br>066 Envirokote Primer                                  | 4   | 42  | 100-400             | Concrete, masonry, drywall,<br>plaster, hardboard, metal, wood                                                                                                             | Top of the line quality                                                                                                                                                                                                           | 2-3 hours  | N/A      |
| ICI Paints (Glidden),<br>Ultra Hide Aquacrylic Gripper GL 3210    | 95  | 50  | 300-450             | Wood, masonry                                                                                                                                                              | Blocks stains, high hiding, excellent sealing,<br>excellent adhesion & hide                                                                                                                                                       | 1 hour     | 1 year   |
| Insl-x,<br>Prep-A-Wall WP-3000                                    | 115 | 28  | N/A                 | Existing wall coverings                                                                                                                                                    | N/A                                                                                                                                                                                                                               | 2 hours    | N/A      |
| Kelly Moore,<br>Enviro-Cote Interior Acrylic Primer               | 87  | 35  | 250-350             | Undercoating for wood,<br>masonry, wallboard, plaster                                                                                                                      | Excellent spot primer                                                                                                                                                                                                             | 1 hour     | N/A      |
| KST (Kool Seal),<br>Kool-Lastik Primer 34-600                     | 41  | N/A | 25-100              | Modified bitumen, rolled<br>roofing, bonded tar and gravel,<br>asphalt/fiberglass shingles, built-<br>up roofs, most asphaltic surfaces,<br>ponded water areas, flat roofs | Heavy duty coating, improves topcoat<br>adhesion                                                                                                                                                                                  | N/A        | N/A      |
| Resene,<br>D45 Quick Dry Acrylic Primer Undercoater               | 31  | N/A | 12.5                | Wallboard, particle & chipboard,<br>cement plaster, block,<br>brickwork, wallcoverings                                                                                     | Good chemical, solvent resistance, excellent<br>durability, excellent adhesion, excellent flow<br>& sanding properties                                                                                                            | 2-4 hours  | N/A      |
| Rodda,<br>Flat Acrylic Primer Sealer                              | 100 | 38  | 300                 | Concrete, stucco, masonry,<br>drywall, hardboard                                                                                                                           | Smooth, flat                                                                                                                                                                                                                      | 3 hours    | N/A      |
| Rodda,<br>Moisture Vapor Barrier Coating                          | 108 | 30  | 260                 | Interior walls                                                                                                                                                             | Smooth, flat                                                                                                                                                                                                                      | 30 minutes | N/A      |

|                                                                                           |     |     |          |                                                                                          |                                                                    |           |           |
|-------------------------------------------------------------------------------------------|-----|-----|----------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------|-----------|
| Rodda,<br>Lasyn Enamel Undercoat                                                          | 108 | 42  | 360      | Wood surfaces                                                                            | Flat sandable finish                                               | 2 hours   | N/A       |
| Samuel Cabot,<br>Exterior White Primer                                                    | 31  | 100 | N/A      | Wood surfaces                                                                            | Tough, durable                                                     | N/A       | N/A       |
| Sherwin Williams<br>Illusions Crackle Medium A46T100                                      | 0   | 18  | 100      | Drywall, steel, masonry,<br>concrete, block, plaster wood                                | Rich finish                                                        | 4 hours   | N/A       |
| Sherwin Williams,<br>DTM Bonding Primer B66A50                                            | 51  | 42  | 135-335  | Metal siding                                                                             | Corrosion resistant                                                | 8 hours   | 36 months |
| Sherwin Williams,<br>Moisture Vapor Barrier B72W1                                         | 35  | 24  | 200-250  | Walls, ceilings                                                                          | Reduces loss of moisture                                           | 4 hours   | N/A       |
| Sherwin Williams,<br>PrepRite Pro Block Int/Ext Latex P/S B51                             | 99  | 36  | 400      | Drywall, ceilings, PVC piping,<br>plaster, paneling, metal, wood,<br>aluminum, hardboard | Good adhesion, fast drying                                         | 4 hours   | N/A       |
| Sierra Corp (TK Products),<br>TK-5334 WB,<br>2                                            | 54  | N/A | 600-1800 | Wood, metal, fiber glass, plastic                                                        | Prevents rust, corrosion, & deterioration                          | N/A       | N/A       |
| Sierra Corp (TK Products),<br>TK-709 Ultra Release                                        | 85  | N/A | 600-1800 | Wood, metal, fiber glass, plastic                                                        | Excellent slip agent, prevents rust, corrosion                     | N/A       | N/A       |
| Smiland (Morwear),<br>Exterior 100% Acrylic Surface Primer 2099                           | 98  | 31  | 300-400  | Stucco, concrete, block                                                                  | Excellent adhesion, alkali resistant, quick<br>drying              | 4 hours   | N/A       |
| Smiland (Morwear),<br>Interior PVA Acrylic High Build Primer 1877                         | 100 | 26  | 250-350  | Plaster, concrete, brick, tile,<br>drywall                                               | Formulated for extra hide, quick drying, easy<br>to apply          | 4 hours   | N/A       |
| Smiland (Morwear),<br>Primer Xcel Quick Grip Int/Ext Quick Dry Enamel<br>Undercoater 4077 | 63  | 40  | 200-400  | Plaster, concrete, brick,<br>hardboard, wood                                             | Quick drying, excellent adhesion, sandable,<br>good enamel holdout | 2 hours   | N/A       |
| Target Coatings,<br>Emtech 8800 Sealer                                                    | 50  | 40  | 500      | Paneling, wood                                                                           | Excellent color tone generation                                    | 1 hour    | N/A       |
| Tropical Asphalt Products Corp,<br>#980 Eternalastic Acrylic Asphalt Primer               | 36  | 100 | 200      | Roofs, metal surfaces                                                                    | Smooth, flat                                                       | N/A       | N/A       |
| United Coatings,<br>Canyon Tone Stain Pigmented Water-Repellent Stain                     | 126 | 27  | 50-150   | Concrete, Fiber, block, brick,<br>stucco                                                 | UV resistant, alkali resistant, superior color<br>stability        | 1 hour    | N/A       |
| Vista Paint,<br>190 Uniprep                                                               | 35  | 30  | 298      | Pre-painted plastic, metals, glass,<br>aluminum                                          | Good adhesion                                                      | 24 hours  | 1 year    |
| Vista Paint,<br>4000 Uniprime                                                             | 50  | 41  | 350-375  | Pre-painted metals, glass<br>aluminum and plastic                                        | 300 psi Tensile strength                                           | 24 hours  | 9 months  |
| Vista Paint,<br>4200 Terminator II                                                        | 50  | 42  | 300-375  | Wood or paneling, commercial<br>architectural finishes, yacht<br>interior                | Non-combustible                                                    | 1 hour    | 1 year    |
| Vista Paint,<br>6000 Earth Coat Primer                                                    | 18  | 39  | 350-500  | Masonry, drywall, concrete,<br>plaster, wood                                             | Superior adhesion, excellent base                                  | 2-4 hours | N/A       |
| Vista Paint,<br>XP11A Aqualac Industrial Wood Undercoat                                   | 70  | 40  | 300-500  | Interior wood                                                                            | Fast drying, sandable                                              | 1 hour    | N/A       |

N/A= Not Available

**Roof  
250 g/l or less****Samples 88**

| Coating Company and Product Name                                  | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal) @<br>mil | Recommended substrate/<br>exposure | Coating Characteristics                                                                                                    | Drying time to recoat                 | Pot Life @70 deg./ Shelf Life |
|-------------------------------------------------------------------|-----------------------|-------------------------|----------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| <b>Base Coat</b>                                                  |                       |                         |                                  |                                    |                                                                                                                            |                                       |                               |
| Innovative Formulations Co.<br>Mirrorseal Superior Roofing System | 0                     | 41                      | 3 sf/lb                          | Roofing System                     | Easy application, adhesive sealant, High<br>Strength to weight, fire resistant,<br>embrittlement resistant, moisture proof | Gel Time: 1 hour<br>Dry Time: 4 hours | N/A                           |

**Master List for Appendix B-Rule 1113**  
**11/5/2003**

|                                                                                |     |       |          |                                                                                                                                                                        |                                                                                                                                                  |                                                       |     |
|--------------------------------------------------------------------------------|-----|-------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----|
| Henry,<br>#201 Fibered Asphalt Roof Coating                                    | 250 | N/A   | 50       | Smooth-surface, granulated cap sheets, build-up-roof systems, SBS modified or composition roofs, metal roofs for rust prevention.                                      | Provides tough, curable, weather-resistant film, solvent allows low temperature application, won't wash off if unexpected rain, cold-applied.    | N/A                                                   | N/A |
| Tropical Asphalt Products Corp,<br>#202 Fibered Roof Coating Asbestos Free     | 250 | N/A   | 33-50    | Felt, mineral cap sheets, existing composite shingle roofs                                                                                                             | Durable, waterproof, flexible, wrinkle and blister resistant                                                                                     | 48 hours                                              | N/A |
| Henry,<br>#826 Rubberkote Base Coat                                            | 200 | 45    | 100 @ 22 | EPDM roofs                                                                                                                                                             | Good adhesion, resistant to ponded water, seamless, highly reflective                                                                            | 24 hours to recoat                                    | N/A |
| Life Paint Company,<br>8875 Elastomeric Waterproofing Underseal                | 101 | 42-45 | 50 @ 14  | Composition roofs, asphalt shingles, metal, concrete, flat roofs, rolled roofs, poly foam roofs, mobile homes, plywood roofs & decks, flower pots, masonry block walls | Primes and seals, resists ponding water, creates a water barrier, resists cracking, superior flexibility and tensile strength                    | N/A                                                   | N/A |
| Insl-x,<br>Rust Arrestor, RA-0104,                                             | 90  | 26    | 208@2    | For rusted metal where sandblasting is not acceptable                                                                                                                  | Turns black over rust, vinyl/acrylic lates, stops corrosion                                                                                      | 2 hours to touch, 4 hours to recoat                   | N/A |
| Tropical Asphalt Products Corp,<br>#360 Asphalt Emulsion                       | 30  | N/A   | 33-50    | Built-up roofing, metal, masonry, pipes and tanks above or below ground level                                                                                          | Waterproof, resists corrosive fumes, sag and crack resistant                                                                                     | 6-24 hours                                            | N/A |
| Tropical Asphalt Products Corp,<br>#363 Fibered Asphalt Emulsion Asbestos Free | 30  | N/A   | 25-50    | Built-up roofing, metal, masonry, pipes and tanks above or below ground level                                                                                          | Waterproof, resists corrosive fumes, sag and crack resistant                                                                                     | 6-24 hours                                            | N/A |
| Tropical Asphalt Products Corp,<br>#365 Modified Asphalt Emulsion              | 30  | N/A   | 33-50    | Built-up roofing, metal, masonry, pipes and tanks above or below ground level, SBS modified, APP modified                                                              | Waterproof, resists corrosive fumes, sag and crack resistant                                                                                     | 6-24 hours                                            | N/A |
| Tropical Asphalt Products Corp,<br>#367 Neoprene Modified Emulsion             | 30  | N/A   | 33-50    | Built-up roofing, metal, masonry, pipes and tanks above or below ground level, SBS modified, APP modified                                                              | Waterproof, resists corrosive fumes, sag and crack resistant                                                                                     | 6-24 hours                                            | N/A |
| Western Colloid,<br>Elastomeric Asphalt Emulsion #298E                         | 13  | 45    | 10 to 33 | Smooth or mineral surfaced build-up roofing, metal roofing, masonry, stucco, parapet walls, curbs, base flashings, below grade walls, most exterior metal surfaces     | Resists checking and cracking; flexible; enhances resistance to industrial pollutants, contaminants, and corrosives; allows surface to "breathe" | 12 hours firm set                                     | N/A |
| United Coatings,<br>Roof Mate Base Coat                                        | 5   | 60    | Mar-00   | Metal, concrete, foam insulation, modified bitumen, composite shingle roofs                                                                                            | Good adhesion, durability, fire retardant, resists mildew, waterproof                                                                            | N/A                                                   | N/A |
| Henry,<br>#100 Elastomulsion                                                   | 4   | N/A   | 34       | Most roof surfaces, metal and masonry                                                                                                                                  | Acrylic modified elastomeric, corrosion resistant, waterproof, cold applied.                                                                     | 6 to 24 hours when hot, 2 to 7 days when cool & damp. | N/A |
| Henry,<br>#297 ElastoBlack                                                     | 4   | 55    | 34 @ 48  | Roof, metal and masonry surfaces                                                                                                                                       | Corrosion resistant, waterproof, cold applied                                                                                                    | 6 to 24 hours when hot, 2 to 7 days when cool & damp. | N/A |
| Gardner-Gibson, Inc. (APOC),<br>300 Non-Fibered Asphalt Emulsion               | 0   | N/A   | 50       | Coating built-up, mineral surfaced, metal, concrete, corrugated and other roof surfaces                                                                                | Excellent weatherability, non-flammable, odorless, bonds to damp or dry surfaces, damp-proofing                                                  | 4-8 hours to recoat                                   | N/A |
| Gardner-Gibson, Inc. (APOC),<br>302 Fibered Asphalt Emulsion                   | 0   | N/A   | 50       | Coating built-up, mineral surfaced, metal, concrete, corrugated and other roof surfaces                                                                                | Excellent weatherability, non-flammable, odorless, bonds to damp or dry surfaces, damp-proofing                                                  | 4-8 hours to recoat                                   | N/A |
| Gardner-Gibson, Inc. (APOC),<br>337 Elastomeric Asphalt Emulsion               | 0   | N/A   | 50-75    | Virtually any type of roof surface including bitumen, built-up roofing, asphalt, shingles, metal, concrete, old tar roofs                                              | Watertight, resists peeling, resists cracking, resists checking                                                                                  | 4-8 hours to recoat                                   | N/A |

# Master List for Appendix B-Rule 1113 11/5/2003

|                                                                              |     |     |          |                                                                                                                                                                    |                                                                                                                                                                                                             |                                                       |     |
|------------------------------------------------------------------------------|-----|-----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----|
| Gardner-Gibson, Inc. (Gardner),<br>042-GA, Non-fibered Emulsion Roof Coating | 0   | N/A | 50       | Built-up ply sheets, mineral surfaced cap sheets, other asphalt roof surfaces                                                                                      | Damp-proofing, excellent weatherability, non-flammable, odorless, bonds to damp or dry surfaces                                                                                                             | 4-8 hours to set, 24-48 days full cure                | N/A |
| Gardner-Gibson, Inc. (Gardner),<br>Aqua Tec Roof & Foundation Coating        | 0   | N/A | 50       | Built-up, metal, concrete, corrugated, mineral surfaced, other roof surfaces                                                                                       | Damp-proofing, excellent weatherability, non-flammable, odorless, bonds to damp or dry surfaces                                                                                                             | 4-8 hours to set, 24-48 days full cure                | N/A |
| Henry,<br>#107 Asphalt Emulsion                                              | 0   | N/A | 60       | Most roofs, septic tanks, planters                                                                                                                                 | Corrosion resistant, does not crack, cold applied                                                                                                                                                           | 6 to 24 hours when hot, 2 to 7 days when cool & damp. | N/A |
| Henry,<br>#307 Fibered Asphalt Emulsion                                      | 0   | N/A | 25-34    | Roof, metal and masonry surfaces                                                                                                                                   | Corrosion resistant, waterproof, cold applied                                                                                                                                                               | 6 to 24 hours when hot, 2 to 7 days when cool & damp. | N/A |
| Western Colloid,<br>Product #298 Asphalt Emulsion Roof Surfacing             | 0   | 40  | 10 to 33 | Smooth or mineral surfaced build-up roofing, metal roofing, masonry, stucco, parapet walls, curbs, base flashings, below grade walls, most exterior metal surfaces | Resists checking and cracking; flexible; enhances resistance to industrial pollutants, contaminants, and corrosives; allows surface to "breathe"                                                            | 12 hours firm set                                     | N/A |
| <b>Reflective and Other Topcoats</b>                                         |     |     |          |                                                                                                                                                                    |                                                                                                                                                                                                             |                                                       |     |
| Andek,<br>Silver Film                                                        | 250 | N/A | 360@3    | May be installed over flat roof system, good adhesion to most metals including rusted or corroded, asphaltic or coal tar pitch roofs.                              | Thermoplastic resin, air drying, highly reflective, high solids                                                                                                                                             | 12 to 24 hours                                        | N/A |
| Andek,<br>Polaroof R.A.C.                                                    | 200 | N/A | 40 @30   | All kinds of roofing, Aluminum, tin, corrugated steel, concrete, urethane foam, EPDM and other rubber roofs                                                        | All climatic extremes, protects against UV, puncture resistant up to 120 psi, moisture cure, flexible at low temperatures, won't get hard or crack with age, corrosion-inhibiting pigments, aluminum flake. | 24 hours to walk on                                   | N/A |
| Henry,<br>#299 Premium White Elastomeric Roof Coating                        | 200 | 62  | 80 @ 18  | Previously coated white or aluminum roof surfaces, mineral surface cap sheet, smooth surface BUR, SBS, AND APP roofs.                                              | Water-based acrylic latex, mildew, algae, fungi, chalking and disbonding resistant, 2 coats recommended.                                                                                                    | Dry between coats same day application                | N/A |
| Henry,<br>#275 White, #276 Gray, MetalShield WB Elastomeric Roof Coatings    | 200 | 45  | 67 - 100 | Metal roofs                                                                                                                                                        | Elastomeric polymer latex based, requires two applications (gray then white)                                                                                                                                | 2 hours to touch, 24 hours to recoat                  | N/A |
| Henry,<br>#827 Rubberkote Topcoat                                            | 200 | 53  | 100 @22  | EPDM roofs, suited for application over Hypalon® membranes.                                                                                                        | White elastomeric, Good adhesion, resistant to ponded water, seamless, highly reflective.                                                                                                                   | 2 hours to touch                                      | N/A |
| Andek,<br>Polaroof RAC-OZ,<br>2                                              | 160 | N/A | 50@30    | Designed where strength, chemical and oil resistance, and a totally waterproof surface are required.                                                               | All climates and exposure, oxazolidone chemistry (isocyanate groups), rubber-like finish, highly solar reflective, UV resistant, withstands constant water immersion.                                       | N/A                                                   | N/A |
| Benjamin Moore,<br>Moorcraft Roof Spec Latex Semi-Gloss Finish 141           | 150 | 27  | 200-300  | For new or previously painted roofs of asphalt, concrete, slate, cement and clay tile, previously painted metal roofs                                              | Good adhesion, mildew resistant, easy to apply, resists peeling and blistering, fume resistant                                                                                                              | 1 hour to touch, 6-8 hours to recoat                  | N/A |
| Life Paint Company,<br>88-20 Elastomeric Roof Coating                        | 133 | N/A | 50 @ 14  | Composition roofs, rolled roofing, asphalt shingles, foam roofs, metal roofs, mobile homes                                                                         | Durable, flexible, solar deflection of 80%, resists the ponding of water                                                                                                                                    | 8 hours for initial cure, 24 hours to recoat          | N/A |
| CIM,<br>CIM 800,<br>2                                                        | 111 | 86  | N/A      | For roofing, concrete, steel, glass, wood, previous coatings and linings                                                                                           | Weather durable, self adhering, 45 minute pot life                                                                                                                                                          | 1 hour                                                | N/A |
| Western Colloid,<br>Aluminum Reflective Roof Coating "Silverwhite"<br>#525   | 109 | 40  | 67       | For metal, smooth BUR, mineral surface, emulsion, and Glas Shield roof systems                                                                                     | Excellent weatherability, elongation and tensile strength, flexibility, 76% reflective, reduces UV degradation                                                                                              | 1 hour                                                | N/A |

|                                                                                                       |       |       |              |                                                                                                                                                                                            |                                                                                                                                                  |                                            |     |
|-------------------------------------------------------------------------------------------------------|-------|-------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----|
| Benjamin Moore,<br>Moorcraft Roof Spec Latex Flat Finish 140                                          | 100   | 40    | 200-300      | For new or previously painted roofs of asphalt, concrete, slate, cement and clay tile, previously painted metal roofs                                                                      | Good adhesion, mildew resistant, easy to apply, resists peeling and blistering, fume resistant                                                   | 1 hour to touch, 6-8 hours to recoat       | N/A |
| Henry,<br>#281, #282, #284 and Custom Elastomeric Roof Coating                                        | 100   | 53    | 50 @ 18      | Most roof surfaces, stucco & masonry parapet walls.                                                                                                                                        | Water-based acrylic latex, mildew, chalking, disbonding resistant                                                                                | 2 coats same day application               | N/A |
| Henry,<br>#280 White Elastomeric Roof Coating                                                         | 100   | 53    | 50 @ 18      | Most roof surfaces, stucco & masonry parapet walls.                                                                                                                                        | Water-based acrylic latex, mildew, chalking, disbonding resistant; highly reflective, UV protection                                              | 2 coats same day application               | N/A |
| Henry,<br>#287 Solar Flex White Roof Coating                                                          | 100   | 42    | 100          | Most roof surfaces, stucco & masonry parapet walls.                                                                                                                                        | Water-based acrylic latex, highly resistant to disbonding, chalking, mildew, discoloration, highly reflective, UV protection, 2 coat application | 2 hours to touch                           | N/A |
| Tropical Asphalt Product Corp,<br>#901 Standard White Elastomeric Roof Coating                        | 100   | 44    | 100          | All types of roofs                                                                                                                                                                         | Highly reflective, flexible, durable, weather, UV resistant, good adhesion                                                                       | 4 hours to recoat<br>24-48 hours cure      | N/A |
| Tropical Asphalt Product Corp,<br>#911 Eternalastic White Elastomeric Roof Coating                    | 100   | 59    | 100          | All types of roofs                                                                                                                                                                         | Superior adhesion, flexible, highly reflective, resists mold and mildew                                                                          | 4 hours to recoat<br>24-48 hours full cure | N/A |
| Tropical Asphalt Product Corp,<br>#921 Reflex White Elastomeric Roof Coating                          | 100   | 44    | 100          | All types of roofs                                                                                                                                                                         | Highly reflective, flexible, durable, weather resistant, UV resistant, fast drying                                                               | 4 hours to recoat<br>24-48 hours full cure | N/A |
| Tropical Asphalt Products Corp,<br>#113 Hydro Aluminum                                                | 100   | N/A   | 35-100       | Metal, smooth BUR, mineral surface, emulsion, composition shingle, and modified roof systems                                                                                               | Durable, excellent elongation and tensile strength, 55% reflective                                                                               | N/A                                        | N/A |
| Dunn Edwards,<br>Stay Kool Roof Coating W 2456                                                        | 85    | 36    | 50-75@17 wet | For asphalt and polyurethane foam roofing primed wood, masonry and metal                                                                                                                   | Increases light reflection, water-sensitive for 72 hours                                                                                         | 1 hour to touch, 24 hours to recoat        | N/A |
| ICI Paints (Dulux),<br>Rooflex Top Coat SA10XX                                                        | 81    | 50    | 60           | For built-up roof, gravel roof, galvanized steel, concrete, urethane foam roofing, wood and composition shingles                                                                           | Durable, weatherable, excellent elongation properties, resists cracking, dirt pick-up resistance                                                 | 2 hours to touch, 8 hours to recoat        | N/A |
| ICI Paints (Devoe),<br>Devflex 4020PF Direct to Metal Primer & Flat Finish, 4020-1000 white, 7100 red | 76-80 | 44    | 275-350      | For metal buildings, galvanized steel, aluminum                                                                                                                                            | Water-borne acrylic primer, mildew resistant, resists flash rust, corrosion resistant, flexible                                                  | 30 min. to touch, 2 hours to recoat        | N/A |
| Farwest,<br>#5500 Wonderflex Elastomeric Acrylic Coating                                              | 75    | 49-51 | 65-70        | For wood, concrete or metal surfaces and roof surfaces such as asbestos asphalt tile, hot-mopped tar, elastomeric aluminum, galvanized metal roofs, and fiberglass and wood shingles       | Sun reflective, excellent adhesion, resistant to salt water spray and pooling water                                                              | 1 hour to touch, 18 hours to recoat        | N/A |
| Anchor Coatings,<br>Natural Sealant 104                                                               | 73    | 22    | 100-250      | Asphalt roofing, fiberglass roofing, shingle roofing, fiberglass skylights, natural or pre-painted wood surfaces, concrete, brick, stucco, tile roofs, stone, aluminum, and metal surfaces | Water-repellent, resists UV exposure, resists mold and fungus growth                                                                             | 1 hour to touch, 4 hours to recoat         | N/A |
| BLP Mobile Paints,<br>Elastomeric Roof Coating Reflective White 43-25                                 | 71    | 49    | 50@15        | Aluminum, weathered galvanized metal, wood, asphalt shingles, built-up roofs, urethane foam, concrete, well bonded gravel roofs and cement tiles                                           | acrylic emulsion, reflective, flexible, resist mildew, superior weatherability                                                                   | 1 hour to touch, 24 hours to recoat        | N/A |

|                                                                            |    |       |              |                                                                                                                                                                                                                                               |                                                                                                                                                                           |                                            |     |
|----------------------------------------------------------------------------|----|-------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----|
| Smiland (Morwear),<br>Cool Life Acrylic Latex Flexible Roof Coating 870-00 | 66 | 45    | 50-100       | Most flexible roof surfaces such as composition shingles, fiberglass shingles and urethane foam. Also roofs of loose gravel, masonry shingles, aluminum roofs, galvanized roofs and mobile home roofs                                         | Reflective, very flexible, acrylic latex, extremely adhesive                                                                                                              | 30 minutes to touch, 6 hours to recoat     | N/A |
| Dunn Edwards,<br>Elastomeric Acrylic Roof Coating, W 5824                  | 65 | 56    | 40-60        | New low and high density polyurethane foam roofing                                                                                                                                                                                            | Superior adhesion, excellent resistance to water, cracking, and dirt pickup, heat reflective                                                                              | 2 hours to touch, 12 to 18 hours to recoat | N/A |
| Davlin,<br>Acrylastic 900                                                  | 64 | 65    | 900          | Existing and new roofing substrates                                                                                                                                                                                                           | UV resistant, tough, flexible, reflective                                                                                                                                 | 4 to 8 hours to recoat                     | N/A |
| ICI Paints (Sinclair),<br>SAVX70 Roof Coating                              | 62 | 58    | 80           | For urethane foam roofs, built-up roof, plywood and metal roofs, concrete, and other masonry surfaces                                                                                                                                         | Durable, highly reflective, insulative, UV protection                                                                                                                     | 1 hour to touch, 6 hours to recoat         | N/A |
| Color Wheel,<br>Tropicoat Roof Paint, Ext. Flat, 340                       | 61 | 38    | 400@1.5 dry  | Residential, commercial roofs, cement & concrete tiles, glazed tiles, Spanish clay tiles                                                                                                                                                      | Waterborne acrylic, mildew resistant, tough, flexible, good color retention, alkali and efflorescence resistant, resistance to blistering, cracking, chipping and peeling | 1 hour to touch, 4 hours to recoat         | N/A |
| BLP Mobile Paints,<br>Mobile Home Roof Coating White with Fiber 43-17      | 59 | 37    | 200@3        | Commercial and residential use on galvanized metal or aluminum, ideal for mobile homes, metal tool sheds, storage buildings, awnings, canopies                                                                                                | Mildew preventative                                                                                                                                                       | 1 hour to touch, 2 hours to recoat         | N/A |
| Acry-Tech Coatings,<br>CeramaX                                             | 56 | 57    | 100@16       | Asphalt shingles, metal roofs, smooth asphalt, modified bitumen                                                                                                                                                                               | Mildew, UV, water resistant, good adherence, strength, elongation                                                                                                         | 50 min touch<br>3 hrs recoat               | N/A |
| Gaco Western Inc.,<br>GacoFlex A-44, Water-based elastomeric coating       | 56 | 51    | 816@0.025    | For urethane foam, built-up roofs, masonry, concrete, plywood roofs                                                                                                                                                                           | Excellent hardness, adhesion, strength, water resistance                                                                                                                  | N/A                                        | N/A |
| Gemini,<br>Total Wood Protectant (TWP) 200                                 | 50 | 94-96 | 100-250      | For wood shingles                                                                                                                                                                                                                             | Helps wood to stay flexible, penetrates, resistant to mildew, algae and moss, blocks UV rays, water barrier                                                               | 48 to 96 hours to dry                      | N/A |
| Griggs Paint,<br>Elastomeric Coating 300W37                                | 49 | 53-56 | 100          | Asphalt, aluminum, concrete, polyurethane roofs, wood roofs, galvanized steel                                                                                                                                                                 | Durable, flexible, weather and flame resistant                                                                                                                            | 4 hours to touch, overnight to recoat      | N/A |
| Anchor Coatings,<br>Thermo-Flex 103 Elastomeric Roof Coating & Sealant     | 40 | 42    | 100          | Industrial, commercial, residential, & agricultural substrates such as asphalt, fiberglass, asbestos shingles, concrete or clay tile, precast concrete, slate, sood shake, roll roofing, build-up roof, polyurethane foam, all types of metal | Acrylic resins, rubber-like coating, extremely durable, penetrant, UV resistant, 80-85% reflectant                                                                        | 1 hour to touch, 4 hours to recoat         | N/A |
| Dunn Edwards,<br>Elastomeric Acrylic Roof Coating, W 6139                  | 40 | 52    | 55-65@25 wet | Wide variety of roof systems including new and repaint foam roofs, felt composition built-up roofs, asphalt, asphalt shingle roofs, metal roofs, wood, concrete                                                                               | Excellent resistance to weathering                                                                                                                                        | 1 hour to touch, 16 hours to recoat        | N/A |
| Western Colloid,<br>Elastahyde #720 ARC, white                             | 39 | 53    | 33           | For "fluid applied reinforced roofing" membranes, metal roofs, built-up roofs, singly ply membrane roofs                                                                                                                                      | Elastomeric acrylic coating, high durability, tough, flexible, 87% reflective                                                                                             | 1 hour                                     | N/A |

**Master List for Appendix B-Rule 1113**  
**11/5/2003**

|                                                                                        |    |     |           |                                                                                                                                                                                                                                            |                                                                                                                          |                                   |     |
|----------------------------------------------------------------------------------------|----|-----|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----|
| Western Colloid,<br>Elastahyde #770 AXP                                                | 39 | 50  | 33        | APP modified bitumen, asphalt emulsion, western colloid "fluid applied reinforced roofing" membranes, build-up, single ply, foam, and metal roof systems                                                                                   | Elastomeric acrylic coating, adheres well, performs well under ponding conditions, tough, flexible, 85% reflective       | 1 hour                            | N/A |
| Western Colloid,<br>Elastahyde #790 AFC                                                | 39 | 59  | 33        | For sprayed polyurethane foam, western colloid "fluid applied reinforced roofing" membranes, western colloid metal roof, conventional and modified built-up roofs, single ply membrane roofs                                               | Elastomeric acrylic coating, high durability, 85% reflective, tough, flexible                                            | 1 hour                            | N/A |
| Anchor Coatings,<br>Metal-Kote 102, White and Custom Colors                            | 37 | 32  | 150-250   | All metal roofing, water tanks, storage bins, other building surfaces                                                                                                                                                                      | Rust and corrosion resistant, UV resistant, 80 - 85% reflectant                                                          | 1 hour to touch 4 hours to recoat | N/A |
| American Chemical Technologies,<br>Tri-coat, Elastomeric Coating for EPDM Roof Systems | 36 | 60  | 25-100    | PVC, EPDM, foam, hypalon, built-up roofing, metal                                                                                                                                                                                          | UV, weather resistant membrane, durable; high volume solids composition, lightweight, mildew resistant, solar reflective | 24 hours                          | N/A |
| Geocel 9500 MB                                                                         | 36 | 60  | 40-50     | Metal roofs, siding, metallic surfaces                                                                                                                                                                                                     | Resists weathering, UV, dirt pick-up, is highly reflective                                                               | 1.5-2 hrs touch                   | N/A |
| KST (Kool Seal),<br>White Elastomeric Roof Coating 63-300                              | 26 | N/A | 50-100    | Metal, concrete, foam, brick, flat cement tile, barrel cement tile, aged aluminum coatings                                                                                                                                                 | Forms a rubber-like blanket, 100% acrylic, UV reflective, mildew and algae resistant                                     | N/A                               | N/A |
| KST (Kool Seal),<br>Gray Elastomeric Roof Coating 63-320                               | 24 | N/A | 50-100    | Metal, concrete, foam, brick, flat cement tile, barrel cement tile, aged aluminum coatings                                                                                                                                                 | Mildew, algae resistant, retains flexibility                                                                             | N/A                               | N/A |
| Gaco Western Inc.,<br>Gaco Flex A-32/A-32/R, Water-based elastomeric coating           | 21 | 59  | 951@0.025 | For urethane foam insulation, concrete, plywood, metal roofs                                                                                                                                                                               | Reflective, excellent hardness, strength, water resistance                                                               | N/A                               | N/A |
| KST (Kool Seal),<br>Black Elastomeric Roof Coat 63-325                                 | 21 | N/A | 50-100    | Metal, concrete, foam, brick, flat cement tile, barrel cement tile, aged aluminum coatings                                                                                                                                                 | Forms a thick rubber-like blanket, 100% elastomeric acrylic, mildew and algae resistant                                  | N/A                               | N/A |
| Gardner-Gibson, Inc. (Sta-Kool),<br>Ultra White Elastomeric Roof Coating 770           | 20 | N/A | 50-75     | Cement tile; built-up roofs; metal roofs; mobile/RV roofs; bonded gravel roofs; asphalt shingle roofs; roofs previously coated with asphalt, aluminum, or tar                                                                              | Tough, flexible, durable, resists cracking, resists peeling, resists mildew, reflects UV rays                            | 24 hours to recoat                | N/A |
| Gardner-Gibson, Inc. (Sta-Kool),<br>Ultra White Elastomeric Roof Coating 780           | 20 | N/A | 50-75     | Cement tile; built-up roofs; metal roofs; polystyrene foam; mobile home roofs; bonded gravel roofs; roofs previously coated with asphalt, aluminum, or tar; built-up roofs, polyester plastic panel, urethane foam, modified bitumen roofs | Thick rubber shield, prevents cracking and roof damage, waterproof, reflects UV rays                                     | 24 hours to recoat                | N/A |
| Gardner-Gibson, Inc. (Sta-Kool),<br>White Elastomeric Roof Coating 700                 | 20 | N/A | 50-75     | Cement tile; built-up roofs; metal roofs; mobile/RV roofs; bonded gravel roofs; roofs previously coated with asphalt, aluminum, or tar                                                                                                     | Tough, flexible, resists cracking and peeling, reflects UV rays                                                          | 24 hours to recoat                | N/A |
| American Chemical Technologies,<br>Geotherm, Elastomeric for Hypalon Roof Systems      | 19 | 60  | 25-100    | PVC, EPDM, foam, hypalon, built-up roofing                                                                                                                                                                                                 | UV, weather resistant membrane, durable; high volume solids composition, lightweight, mildew resistant, solar reflective | 24 hours                          | N/A |

|                                                                            |    |     |           |                                                                                                                 |                                                                                                                                                  |                                       |     |
|----------------------------------------------------------------------------|----|-----|-----------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----|
| KST (Kool Seal),<br>Premium White Elastomeric Roof Coating 63-600          | 16 | 100 | 50-100    | Metal, concrete, foam, brick, flat<br>cement tile, barrel cement tile,<br>aged aluminum coatings                | UV reflective, high solids, forms a thick<br>rubber-like blanket, mildew and algae resistant                                                     | N/A                                   | N/A |
| Andek,<br>Polaroof AC                                                      | 10 | N/A | 33@48 wet | All standard roofing substrates                                                                                 | Acrylic elastomeric, inhibits corrosion, resists<br>fungus, flexible, UV protection, will not crack<br>or get brittle with age                   | 2 to 4 hours to recoat                | N/A |
| American Chemical Technologies,<br>Acta-Cryl Acrylic Roof Coating          | 9  | 56  | 25-100    | Built-up roofing, metal roofing                                                                                 | Seamless membrane, durable, solar reflective,<br>UV, mildew resistant                                                                            | 24 hours                              | N/A |
| United Coatings,<br>Roof Mate                                              | 9  | 54  | N/A       | Metal, built-up, concrete,<br>EPDM. Hypalon, modified<br>bitumen, composite shingle<br>roofs                    | Durable, resists weathering, UV, mildew, is<br>highly reflective, tensile, fire retardant                                                        | 2.5 hrs                               | N/A |
| KST (Snow Roof System),<br>Mobile Coat White Reflective Metal Roof Coating | 1  | N/A | 100       | Metal roofs on mobile homes,<br>RVs and trailers                                                                | Reflective, rubberized plastic coating, dries<br>rapidly with a built-in primer, expands and<br>contracts, won't crack or peel, mildew resistant | 2 to 8 hours to cure                  | N/A |
| KST (Snow Roof Systems)<br>Roofer's Best, Professional White Roof Coating  | 1  | N/A | N/A       | For professional-grade<br>elastomeric coating for sealing<br>and saving roofs                                   | Rubberized plastic coating, reflective, flexible                                                                                                 | 2 to 8 hours to touch                 | N/A |
| KST (Snow Roof Systems),<br>Premium White Roof Coating                     | 1  | N/A | 100       | Most roof surfaces, mobile<br>homes, old tar, asphalt, metal,<br>concrete                                       | Elastic, rubberized plastic, UV reflective,<br>won't crack or peel                                                                               | 2 to 8 hours to cure                  | N/A |
| Andek,<br>Polaroof Firegard                                                | 0  | N/A | 120       | All standard roofing substrates                                                                                 | Air-drying, halogenated, aquaborne<br>copolymer, inhibits corrosion, protects against<br>UV deterioration                                        | N/A                                   | N/A |
| Andek,<br>Polaroof SP                                                      | 0  | N/A | 66@20     | All standard roofing substrates                                                                                 | Aquaborne, inhibits corrosion, resists fungus,<br>flexible, tough                                                                                | 2 to 4 hours to recoat                | N/A |
| Everest Coatings,<br>Evercoat 5400/5410, Acrylic Elastomeric               | 0  | 55  | 65        | For polyurethane foam, metal,<br>and concrete, as well as<br>previously coated surfaces                         | Excellent weatherability, breathable from<br>underneath, resistant to alkali, UV and<br>mildew, reflective                                       | N/A                                   | N/A |
| Gaco Western Inc.,<br>GacoSil S-50 Water-Based Clear Silicone              | 0  | 18  | 287@0.025 | For Decks, metal roofs                                                                                          | Excellent hardness, adhesion, strength                                                                                                           | N/A                                   | N/A |
| GAF Materials,<br>Matrix 715 MB Coating                                    | 0  | N/A | 100       | For most roof surfaces including<br>modified bitumen, smooth BUR,<br>Hypalon, PVC, and TPO roofing<br>membranes | Durable, highly reflective, UV resistant                                                                                                         | N/A                                   | N/A |
| Gardner-Gibson, Inc. (APOC),<br>252 Sunwhite Elastomeric Roof Coating      | 0  | 62  | 50-75     | Most roof surfaces                                                                                              | 2 coats required, Resists cracking, peeling,<br>mildew, high durability, superior hiding<br>ability, reflective, UV resistant                    | 4 hours to recoat                     | N/A |
| Gardner-Gibson, Inc. (APOC),<br>400 Sunbrite Aluminum Roof Coating         | 0  | N/A | 75-100    | Virtually any type of roof surface                                                                              | Reflective, non-toxic, non-combustible                                                                                                           | 4-8 hours to recoat                   | N/A |
| Rust-Oleum (Sierra),<br>S-37 Metalmax DTM                                  | 0  | 40  | 180-545   | DTM application on aluminum,<br>galvanized steel, steel, and other<br>metal surfaces                            | Direct to metal coating, corrosion and<br>humidity resistant, UV resistant, fast drying                                                          | 30 min. to touch, 2-4 hours to recoat | N/A |
| Western Colloid,<br>Product #901 Clear Rock Binder                         | 0  | 40  | 50        | Gravel roofs, masonry, plaster                                                                                  | High Durability, non sagging                                                                                                                     | 30 min to touch, 1 hour dry           | N/A |

N/A= Not Available

**Rust Preventative Coatings****400 g/l and less****Samples****9**

| Coating Company and Product Name                                         | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage | Recommended substrate/<br>exposure             | Coating Characteristics                                             | Drying time to recoat | Pot Life @70 deg./ Shelf Life |
|--------------------------------------------------------------------------|-----------------------|-------------------------|----------|------------------------------------------------|---------------------------------------------------------------------|-----------------------|-------------------------------|
| ICI Paints (Devoe),<br>Catha Coat 305 Water Based Inorganic Zinc Coating | 0                     | 61                      | 978      | Steel structures, tanks,<br>equipments, piping | Resistance to solvents, good color contrast,<br>resists mudcracking | 2 hours               | 5 hours                       |

|                                                                                                           |     |     |         |                                                                                                                           |                                                                                                                           |               |         |
|-----------------------------------------------------------------------------------------------------------|-----|-----|---------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------|---------|
| Devoe High Performance Coatings<br>Direct-to-Metal Primer & Flat Finish<br>DEVFLEX 4020PF 4020-1000-white | 76  | 44  | 275-350 | Exterior of tanks, metal buildings, structural steel, piping, handrails, masonry construction                             | Direct-to-metal or masonry primer, shop applications, low VOC, low odor, resists flash rust, corrosion resistance         | 2 hours       | N/A     |
| Devoe High Performance Coatings<br>Direct-to-Metal Primer & Flat Finish<br>DEVFLEX 4020PF 4020-7100-red   | 80  | 44  | 275-350 | Exterior of tanks, metal buildings, structural steel, piping, handrails, masonry construction                             | Direct-to-metal or masonry primer, shop applications, low VOC, low odor, resists flash rust, corrosion resistance         | 2 hours       | N/A     |
| Devoe High Performance Coatings<br>Waterborne Epoxy Primer<br>DEVVAN 203                                  | 107 | 45  | 719     | Interior or exterior steel, aluminum and certain galvanized metal surfaces, concrete, masonry, glazed brick, ceramic tile | Excellent adhesion, corrosion resistance, good finish coat hiding, low odor, low VOC, easy application                    | 4 hours       | N/A     |
| Devoe High Performance Coatings<br>Gloss DTM Waterborne Acrylic Enamel<br>DEVFLEX 659                     | 124 | 39  | 156-313 | Interior or exterior steel, weathered galvanized steel in institutional, residential and light industrial areas           | Direct to metal, low VOC, low odor, fast dry & recoat, resist flash rust, corrosion resistant, high hiding, non-yellowing | 4 hours       | N/A     |
| ICI Paints (Devoe),<br>High Performance Coatings Catha Coat 302V Zinc Primer                              | 246 | 78  | 1250    | Steel structures, tanks, equipments, piping                                                                               | Exceptional resistance to corrosion, mud cracking, fast dry                                                               | 15 hours      | 2 years |
| Insl-X Superior Coating Systems<br>Rust Arrestor RA-0104                                                  | 90  | 26  | 208     | Rusted areas where sandblasting is not acceptable, repair and maintenance of existing systems                             | Chemically converts tightly adhered rust to a black iron complex thus stopping the corrosion mechanism                    | 2 hours       | N/A     |
| Insl-X Superior Coating Systems<br>70% Epoxy Mastic EXS-111                                               | 239 | 73  | 291     | 2-component system that can be applied directly to rust or to previously painted surfaces                                 | Bridges, paper & pulp mills, revetments, offshore rigs, sewage treatment plants, encapsulates                             | 4 hours       | N/A     |
| Zero Rust<br>Phenolic Alkyd Primer                                                                        | 400 | N/A | 230-290 | Auto restorations, barges & ships, refineries & pipelines, water treatment plants, metal buildings, piping                | Direct to metal rust protection barrier                                                                                   | 20-30 minutes | N/A     |

N/A= Not Available

## Stains

250 g/l or less

Samples

56

| Coating Company,<br>Product Name,<br>Components                                   | Interior<br>Exterior | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal) | Recommended substrate/<br>exposure                                                    | Coating Characteristics                                                                                                  | Drying Time                        |
|-----------------------------------------------------------------------------------|----------------------|-----------------------|-------------------------|-------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Opaque</b>                                                                     |                      |                       |                         |                         |                                                                                       |                                                                                                                          |                                    |
| Benjamin Moore,<br>100% Acrylic Latex Solid Siding Stain 067                      | I/E                  | 250                   | 31                      | 200-400                 | Siding, shakes, shingles, trim, railing, fences,<br>interior paneling, beams, rafters | Fast drying, excellent color retention, mildew resistant                                                                 | 2-3 hrs touch<br>3-4 hrs recoat    |
| Superdeck,<br>Solid Color Deck Stain-DB-9000                                      | E                    | 200                   | N/A                     | 150-350                 | Decks, fences, siding, trim, shakes                                                   | Long lasting, durable, mildew resistant                                                                                  | 1 hr touch<br>2-4 hrs recoat       |
| BEHR ,<br>Deck Plus Solid Color Deck, Fence & Siding Stain                        | E                    | 158-184               | N/A                     | 450-500                 | Wood Decks, Patio Furniture, Fences                                                   | Excellent adhesion, resists peeling, scuffing, cracking                                                                  | 2-3 hrs touch                      |
| Benjamin Moore,<br>100% Acrylic Latex Solid Deck Stain 065                        | E                    | 93-176                | 39                      | 300-400                 | Wood decks including pressure treated wood,<br>cedar, redwood                         | Mildew, blister resistant, durable, excellent color<br>retention                                                         | 1 hr touch<br>3-4 hrs recoat       |
| ICI Paints (ICI Dulux),<br>Woodpride Waterborne Solid Color Stain 2600            | E                    | 139                   | 28                      | 350-450                 | Siding, clapboard, shakes, shingles, beams,<br>fences                                 | UV Protection, water repellent, mildew resistant                                                                         | 1 hr touch<br>4 hrs recoat         |
| Sherwin Williams,<br>WoodScapes House Stain Acrylic A15                           | E                    | 137                   | 35                      | 200-400                 | Exterior Wood Surfaces                                                                | Long lasting, mildew resistant                                                                                           | 1 hr touch<br>2 hrs recoat         |
| Rainguard,<br>Color-Lok Masonry Stain                                             | I/E                  | 135                   | 34                      | 125-200                 | Interior/Exterior Masonry surfaces                                                    | Fade and chalking resistant, excellent adhesion                                                                          | 2 hours touch/recoat               |
| Behr,<br>Plus 10 Solid Color House & Fence Stain                                  | E                    | 73-135                | N/A                     | 200-400                 | Vertical wood, patio covers, fences, shingles,<br>shakes, siding, masonry and stucco  | Superior color retention, durability, adhesion, penetration;<br>resists cracking, peeling, blistering, chalking, erosion | 2-3 hrs touch<br>6-8 hrs recoat    |
| Griggs Paint,<br>100% Acrylic Stain 301 Series                                    | I/E                  | 127                   | 40-42                   | 300-400                 | Wood, metal, concrete, masonry                                                        | Durable, early water resistance, resistant to wind driven<br>rain, abrasion resistant, water reducible                   | 1 hour to touch, 3 hours to recoat |
| Okon,<br>Sealer & Stain System OK-760                                             | I/E                  | 127                   | N/A                     | N/A                     | Concrete, masonry, plaster, stucco                                                    | UV Resistant, excellent color stability                                                                                  | N/A                                |
| Diamond Vogel Paints,<br>BT Series Rustic Tone Solid Color Acrylic Latex<br>Stain | E                    | 126                   | 38                      | 610                     | Bare wood surfaces, trim and siding                                                   | Durable, excellent fade and blistering resistance                                                                        | 0.5 hr touch<br>2-4 hrs to recoat  |
| United Coatings,<br>Canyon Tone Stain Pigmented Water Repellent Stain             | I/E                  | 126                   | 27                      | 50-150                  | Brick, stucco, stone                                                                  | UV and alkali resistant, water repellent                                                                                 | 15 min touch<br>1 hour cure        |
| Color Wheel,<br>Tropicoat Solid Body Ltx Stain 370                                | E                    | 125                   | 30                      | 300-500                 | Lumber, trim, beams, plywood, siding,<br>shingles, shakes, fences, railing            | Resistant to blistering, cracking, chipping & peeling,<br>mildew resistant, non-yellowing                                | 1 hr touch<br>4 hrs to recoat      |
| Kwal-Howells,<br>Rustic wood 100% acrylic solid color 6200                        | E                    | 114                   | 31                      | 250-300                 | Wood siding, beams, clapboard, hardboard,<br>shakes                                   | Resistant to chalking, blistering, great adhesion                                                                        | 1 hr touch<br>4 hrs recoat         |
| PPG AF<br>Olympic Procoat Premium Acrylic<br>Solid Color Latex Stain 53900        | E                    | 109                   | 34                      | 150-350                 | Vertical wood, hardboard, masonry, stucco                                             | Durable, long lasting color, UV, mildew resistant                                                                        | 30 min to touch                    |
| Porter Paints,<br>Wood Guardian Acrylic 1919                                      | I/E                  | 108                   | 26                      | 200-400                 | Wood siding, trim, shakes, shingles, fencing                                          | Non-yellowing, weather resistant                                                                                         | 0.5 hrs touch<br>4 hrs recoat      |
| Cloverdale,<br>Acrylic Wood Stain 066                                             | E                    | 103                   | 36                      | 200-500                 | Siding, shakes, shingles, fences                                                      | Excellent exterior durability                                                                                            | 45 min touch<br>2 hrs recoat       |
| Valspar (McCloskey),<br>Solid Deck and Siding Stain                               | E                    | 103                   | 36                      | 400                     | Decks, siding, railings, outdoor furniture,<br>porches                                | UV, moisture, mildew resistant, resists heavy traffic                                                                    | 24 hrs recoat                      |
| Benjamin Moore,<br>100% Acrylic Latex Solid Siding Stain 089                      | E                    | 100                   | 30                      | 200-400                 | Shakes, shingles, trim, railing, fences, interior<br>paneling, beams, rafters         | Fast drying, mildew resistant                                                                                            | 2 hrs touch<br>3 hrs recoat        |
| ICI Paints (ICI Dulux),<br>4700 Acrylic Stain                                     | I/E                  | 87-98                 | 36                      | 300-400                 | Wood, stucco, masonry, primed metal                                                   | Mildew, water resistant                                                                                                  | 0.5-1 hr touch<br>4 hrs recoat     |
| Cloverdale,<br>379200 Tower Premium Latex Wood Stain                              | E                    | 97                    | 30                      | 200-320                 | Fences, wood, composite siding, masonry,<br>railings                                  | Excellent adhesion, UV, weather, chalk resistant, non-<br>yellowing                                                      | 1 hr touch<br>4 hrs recoat         |
| Sherwin Williams,<br>Great Outdoors Latex Solid Color Wood Siding Stain<br>Best   | E                    | 97                    | 36                      | 400                     | Lumber, siding, composition board, shakes,<br>shingles, fences                        | Chalk, fade, bleed and mildew resistant, fast drying and<br>self priming                                                 | 1 hr touch<br>4 hrs recoat         |
| Sherwin Williams,<br>ProMar Exterior Solid Color Acrylic Latex Stain A16          | E                    | 97                    | 34                      | 200-400                 | Wood sawn lumber, plywood, shakes,<br>shingles, masonry, aluminum                     | Fast application & drying, good penetration                                                                              | 1 hr touch<br>4 hrs recoat         |

|                                                                                    |     |       |       |         |                                                                                                |                                                                                    |                                    |
|------------------------------------------------------------------------------------|-----|-------|-------|---------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Smiland (Morwear),<br>Exterior Acrylic Solid Color Rustic Stain 4301               | E   | 97    | 42    | 300-400 | Wood, masonry, concrete, metal surfaces                                                        | Super color retention, durable                                                     | 0.5-1 hr touch<br>4 hrs recoat     |
| Vista Paint,<br>3000 Acribond                                                      | E   | 97    | 40    | 300-400 | Wood, masonry                                                                                  | Durable matte flat finish, mildew resistant                                        | 1 hr touch<br>4-6 hours recoat     |
| PPG AF<br>Olympic House and Trim<br>Exterior Solid Color Latex Stain 54700         | E   | 82-93 | 35    | 150-350 | Vertical wood, hardboard, masonry, stucco                                                      | Durable, long lasting color, UV, mildew resistant                                  | 30 min. to touch<br>2-4 hrs recoat |
| Kelly Moore,<br>1240-Acry-Shield Acrylic Flat Finish<br>Pastel Base                | E   | 94    | 43    | 200-500 | Wood, concrete, masonry, metal surfaces                                                        | Long lasting color, weather resistant                                              | 1 hr touch<br>4 hrs recoat         |
| Hallman Lindsay,<br>Kril Tone 100% Acrylic Solid Color Stain 185                   | E   | 85    | 35    | 400     | Shingles, shakes, siding, fencing, most<br>hardboard                                           | Outstanding color retention, mildew resistant, excellent<br>adhesion, durable      | 2 hrs touch, overnight to recoat   |
| San Luis Paints<br>500 Emulsa Stain                                                | E   | 78    | 46    | 450     | Siding, shakes, shingles,, hardboard,, masonry<br>and stucco                                   | Durable                                                                            | 1 hr touch                         |
| Benjamin Moore,<br>Super Spec Acrylic Exterior Stain 179                           | E   | 19-75 | 29    | 300-450 | Rough wood siding, shakes, shingles,<br>hardboard siding, trim and fencing, masonry,<br>stucco | Fast dry, , excellent hiding and adhesion, alkali, blistering,<br>mildew resistant | 2 hrs touch<br>3 hrs recoat        |
| Columbia,<br>Woodtech Solid Color Latex Stain 09-400                               | E   | 71    | 34    | 100-320 | Wood siding, hardboard, brick, concrete,<br>aluminum                                           | Excellent water resistance, adhesion, color retention,<br>alkali resistant         | 1 hr touch<br>2 hrs recoat         |
| Sherwin Williams,<br>Great Outdoors Latex Solid Color Wood Siding Stain<br>Better  | I/E | 71    | 27    | 400     | Lumber, siding, composition board, shakes,<br>shingles, fences, metal and masonry              | Chalk, fade, bleed resistant, fast drying and self priming                         | 1 hr touch<br>4 hrs recoat         |
| Dunn Edwards,<br>Acri-Flat 100% Acrylic Ext Wood Stain/Masonry Flat<br>Paint W 704 | E   | 70    | 40    | 300-400 | Masonry, concrete, tilt-up, block, stucco,<br>plaster, exterior metal                          | Excellent color retention, good grain crack resistance                             | 4 hours                            |
| Okon,<br>Weather Pro OK-710                                                        | I/E | 67    | N/A   | 50-250  | Decks, fencing, shakes, siding                                                                 | Super color retention, UV resistant, water repellent                               | 2 hrs touch                        |
| Columbia,<br>Woodtech Solid Color Pre-Stain 09-870                                 | I/E | 62    | 30-32 | 320-400 | Pre-primed fiber cement board<br>Interior & Exterior bare wood<br>substrates                   | Excellent water resistance, color retention, good<br>penetration                   | 0.5 hrs touch<br>1-2 hrs recoat    |
| EPMAR,<br>Rembrandt Polymer Stain                                                  | I/E | 30    | 20    | 150-300 | Concrete, plaster, cement                                                                      | Chemical resistant, excellent adhesion                                             | 0.5-1 hr touch<br>2-3 hrs recoat   |
| Van Technologies Inc.,<br>Van Aqua-220                                             | I/E | 18    | N/A   | N/A     | Wood surfaces                                                                                  | Fast drying                                                                        | 10-20 min.                         |
| EPMAR,<br>Kemiko Stone Tone Concrete Stain                                         | I/E | 0     | N/A   | N/A     | Concrete, plaster, cement                                                                      | UV Resistant                                                                       | N/A                                |
| FUHR,<br>ZVOC Universal Stain 155                                                  | I   | 0     | 14    | N/A     | Any wood surface                                                                               | Fast drying                                                                        | 15 min                             |
| FUHR,<br>ZVOC Waterbased Stain 5800                                                | I/E | 0     | 14    | N/A     | Furniture, molding, millwork, cabinets, doors,<br>decks                                        | Chemical resistant, water resistant, excellent durability                          | 5 min. touch, 20 min. recoat       |
| Silvertown Products,<br>Rhinguard Wood Defense                                     | E   | 0     | N/A   | 550     | Wood, decks, siding                                                                            | UV Resistant                                                                       | 72 hours                           |
| <b>Semitransparent</b>                                                             |     |       |       |         |                                                                                                |                                                                                    |                                    |
| Superdeck,<br>Exterior Transparent Stains DB-1900                                  | E   | 250   | N/A   | 150-350 | Decks, siding, shakes, log homes                                                               | UV resistant, inhibits mildew growth, water repellent                              | 8 hrs touch                        |
| Superdeck,<br>Transparent Concrete Stains-DB-6000                                  | E   | 250   | 17    | 100-200 | Stone Surfaces, patios, porches, concrete<br>driveways                                         | Mildew, chemical resistant, long lasting,                                          | 1 hr touch<br>4 hrs recoat         |
| The Armstrong-Clark Co.,<br>Armstrong's Weather Shield Clear                       | E   | 225   | N/A   | 200-400 | Decks, siding, shakes, shingles, fences, log<br>homes                                          | Good penetration, water repellent, UV protection                                   | N/A                                |
| The Armstrong-Clark Co.,<br>Armstrong's Weather Shield Semi-Transparent Stain      | E   | 225   | N/A   | 200-400 | Decks, siding, shakes, shingles, fences, log<br>homes                                          | Good penetration, water repellent, UV protection                                   | N/A                                |
| Color Wheel,<br>Tropicoat Transparent Wood Stain 100% Acrylic<br>Satin 170         | E   | 170   | 18    | 200-400 | Lumber, trim, beams, plywood, siding,<br>shingles, shakes, fences, railing                     | Good chalk resistance, resistant to blistering, cracking,<br>chipping, peeling     | 1 hr touch<br>4 hrs recoat         |
| ICI Paints (ICI Dulux),<br>Woodpride Waterborne Semi-Transparent Stain 2610        | E   | 148   | 24    | 200-400 | Above ground exterior bare wood, siding,<br>shingles, etc.                                     | UV Protection, water repellent, mildew resistant                                   | 1 hour touch                       |
| Okon,<br>Deck Stain OK-720                                                         | E   | 101   | N/A   | N/A     | Wood stain/horizontal wood<br>applications, shingles                                           | UV resistant, water repellent                                                      | 2 hours touch                      |

|                                                      |     |     |     |         |                                                                                                    |                                             |                                 |
|------------------------------------------------------|-----|-----|-----|---------|----------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------|
| Columbia,<br>Woodtech Transparent Pre-Stain 09-850   | I/E | 93  | 18  | 320-400 | Pre-primed fiber cement board<br>Interior & Exterior bare wood<br>substrates                       | Excellent color retention, good penetration | 0.5 hrs touch<br>1-2 hrs recoat |
| Okon,<br>Natural Choice OK-820                       | E   | 90  | N/A | N/A     | Decks, fences, log homes, smooth siding,<br>outdoor furniture<br>pressure treated lumber, shingles | UV Resistant, water repellent               | 2 hrs touch                     |
| EPMAR,<br>Kemiko Transparent Stain                   | E   | 30  | 15  | 300-400 | Concrete, plaster, cement, wood                                                                    | UV Resistant                                | 1 hr touch<br>2-3 hrs recoat    |
| Silvertown Products,<br>RhinoGuard Furniture Stain   | I   | 0   | N/A | N/A     | Furniture, doors, wood beams                                                                       | Fade Resistant                              | 24 hours                        |
| <b>Wiping Stains</b>                                 |     |     |     |         |                                                                                                    |                                             |                                 |
| Vista Paint,<br>WN11 Wiping Stain                    | I   | 245 | 19  | 200-400 | Interior decorative wood                                                                           | Semi-Transparent                            | 1 hr touch<br>2-3 hrs recoat    |
| Farwest,<br>X-6281 Wonderglo Waterborne Wiping Stain | I   | 180 | 16  | 200     | Millwork, cabinets, wood furniture                                                                 | N/A                                         | 1-2 hrs touch<br>8 hrs recoat   |
| FUHR,<br>Wiping Stain 105                            | E   | 15  | 17  | N/A     | Any wood surface                                                                                   | Fast drying                                 | 30-45 min. recoat               |

N/A= Not Available

**WP Sealers  
200 g/l or less****Samples 19**

| Coating Company and Product Name                                       | VOC content<br>(gm/l) | Solids<br>(% by volume) | Coverage<br>(sq ft/gal) | Recommended substrate/<br>exposure                                                                                           | Coating Characteristics                                                                                                    | Drying time to recoat                 | Pot Life @70 deg./ Shelf Life |
|------------------------------------------------------------------------|-----------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| Seal-Krete,<br>Multi-Surface Water Repellent                           | 187                   | N/A                     | 100-400                 | For multiple surfaces including<br>concrete sidewalks and patios,<br>vertical surfaces such as brick<br>and stucco, and wood | UV resistant, non yellowing, non-flammable                                                                                 | 2-4 hours to touch, 24 hours to walk  |                               |
| Okon,<br>W-1 Water Repellent Sealer OK-910                             | 134                   | N/A                     | 75-325                  | Concrete, plaster, stucco-smooth                                                                                             | Breathable, penetrating, dust proofs and<br>hardens concrete, UV resistant                                                 | N/A                                   |                               |
| Griggs Paint,<br>Hydro-Acrylic Stain 300-65                            | 117                   | 21                      | 150                     | Concrete Structures, driveways,<br>garages, carports, walkways                                                               | Highly durable, water repellent, UV and oil<br>resistant, penetrant                                                        | N/A                                   |                               |
| Okon,<br>Waterproofing Sealer OK-930                                   | 116                   | N/A                     | 100-400                 | Adobe, brick, concrete, clay,<br>plaster, plywood, stucco, &<br>wood shingles                                                | Non-yellowing, UV resistant                                                                                                | N/A                                   |                               |
| Davlin,<br>Acrylastic 490 Waterborne Elastomeric Wall Coating          | 75                    | 60                      | 100                     | Exterior Concrete,<br>masonry, stucco, most wood<br>& metal substrates                                                       | Superior Adhesion, peel resistant, extremely<br>tough, resistant to alkali, salt and fungus                                | 24 hours to recoat                    |                               |
| Davlin,<br>Acrylastic 600, Waterproof Deck Coating<br>1                | 75                    | 51                      | 100                     | Decks, patios, balconies, terrace,<br>stairs                                                                                 | Extremely tough, superior flexibility                                                                                      | 24 hours to recoat                    |                               |
| EPMAR,<br>Kemiko Clear Acrylic Urethane,<br>1                          | 50                    | 30                      | 300-400                 | Concrete, plaster, wood, metals                                                                                              | UV, stain and abrasion resistant, non-<br>yellowing                                                                        | 30 minutes to touch, 1 hour to recoat |                               |
| Smiland (Morwear),<br>Elastomeric Waterproofing Clr 2571-70            | 30                    | N/A                     | 80-200                  | Concrete, stucco, brick, stone,<br>decks                                                                                     | Excellent elongation, excellent tensile<br>strength, excellent exterior durability,<br>excellent water resistance          | 1-2 hours touch                       |                               |
| Davlin,<br>Acrylastic 490TC Waterborne Elastomeric Textured<br>Coating | 29                    | 55                      | 100                     | Interior & Exterior Concrete,<br>Masonry, Stucco, most wood &<br>metal substrates                                            | Superior Adhesion, peel resistant, extremely<br>tough, resistant to alkali, salt and fungus                                | 24 hours to recoat                    |                               |
| Rainguard,<br>Acry-Lok Acrylic Based Water Repellent                   | 20                    | 12                      | 70-300                  | Above-grade masonry, concrete,<br>stucco, brick, stone, clay roofs,<br>wood                                                  | Conditioner or curing compound on green<br>masonry and concrete, helps prevent<br>efflorescence, chalking, water repellent | N/A                                   |                               |

|                                                                                      |    |     |         |                                                                                                                                                                                        |                                                                                                                   |                                              |  |
|--------------------------------------------------------------------------------------|----|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--|
| Seal-Krete,<br>High Solids Waterproofing Sealer                                      | 15 | 25  | 80-300  | For vertical concrete, cement, masonry, and stucco surfaces. Also, stone, brick, adobe, wood, plaster limestone, drywall, galvanized metal, vinyl siding, roof tiles                   | Waterproofing, excellent adhesion                                                                                 | 2 hours                                      |  |
| Seal-Krete,<br>Waterproofing Sealer                                                  | 8  | 10  | 50-300  | For vertical concrete and masonry surfaces. Also stucco, concrete, brick, roof tile, wood, siding, galvanized metal                                                                    | Non-yellowing, reduces efflorescence on brick homes, strengthens mortar joints, color rejuvenator                 | 2-4 hours to dry, 2 hours to recoat          |  |
| GE Sealants & Adhesives,<br>VIP1550 Concentrated Water Repellent                     | 1  | 47  | 125-450 | Concrete driveways, walkways, brick paver, patio deck steps, and vertical masonry surfaces including natural and synthetic stone, tilt up concrete, brick, clay tile, stucco and block | UV resistant, excellent water repellency, resistant to cracking, blistering                                       | 12-14 hours for foot traffic                 |  |
| EPMAR,<br>Sta-Crete 2102 Polyurethane Membrane,<br>2                                 | 0  | 100 | 40-160  | Concrete, masonry, composites, carbon steel, and wood                                                                                                                                  | Chemical resistant, excellent strength, 20 minute pot life                                                        | 5 hours to touch, 24 hours to walk           |  |
| Henry,<br>#787 ElastoMulsion Waterproofing & Dampproofing,                           | 0  | 70  | 100     | Above- and below-grade concrete, masonry structures including block foundations                                                                                                        | Seamless rubberized asphalt membrane, weathers uniformly, resilient, excellent adhesion, non-flammable            | 24-48 hours                                  |  |
| Kryton,<br>Krystolseal W/B Clear Acrylic Sealer K-750, Semi-gloss, Interior/exterior | 0  | N/A | 100-400 | Wood, concrete panels, stucco, brick, concrete block, masonry                                                                                                                          | UV resistant, non yellowing, protects against chemicals, stains, biological growth                                | N/A                                          |  |
| Monopole,<br>Monochem Aquaseal 2 for Wood 3500                                       | 0  | 11  | 60-250  | Solid siding, trim, fencing, plywood, shakes, shingles, deck lumber, patio furniture, doors, window sashes, hardboard, particleboard                                                   | Outstanding repellency, protects all wood surfaces from deterioration due to swelling, shrinking or grain raising | N/A                                          |  |
| Samuel Cabot,<br>Waterproofing With Teflon Surface Protector 1000                    | 0  | 6   | 150-250 | Wood, brick, concrete, masonry, stone                                                                                                                                                  | Unsurpassed water-proofing protection, mildew resistant                                                           | 3 hours to touch, completely dry in 24 hours |  |
| Seal-Krete,<br>Wood Water Repellent                                                  | 0  | N/A | 100-200 | Wood Surfaces except redwood and cedar                                                                                                                                                 | Clear penetrating repellent, non-yellowing, non-flammable, does not promote mildew growth                         | 2-4 hours                                    |  |

N/A= Not Available

**WP CM Sealers  
350 g/l or less****Samples 65**

| Coating Company and Product Name               | VOC content (gm/l) | Solids (% by volume) | Coverage (sq ft/gal) | Recommended substrate/ exposure               | Coating Characteristics                                                                                                   | Drying time to recoat                    | Pot Life @70 deg./ Shelf Life |
|------------------------------------------------|--------------------|----------------------|----------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|
| <b>Clear</b>                                   |                    |                      |                      |                                               |                                                                                                                           |                                          |                               |
| Rainguard,<br>Micro-Seal Clear Water Repellent | 284                | 100                  | 55-120               | Dense masonry, cast concrete, porous surfaces | High performance water repellent, resistant to high alkalinity, not effected by UV light or weathering, 6-8 hour pot life | 1 hour to touch<br>full cure 48-72 hours |                               |
| Prosoco,<br>HydroSeal 20                       | 256                | 20                   | 125-250              | Parking & Concrete structures                 | N/A                                                                                                                       | 24 hours                                 |                               |
| Hill Brothers,<br>Desert Brand DB Total Sealer | 250                | N/A                  | 125-175              | Tiles, masonry, concrete surfaces             | Deep penetrating, spalling, cracking, discoloration and efflorescence resistant                                           | 2-3 hrs                                  |                               |

|                                                                    |       |     |         |                                                                                            |                                                                                    |                                    |  |
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| Rainguard,<br>American 700 Clear Masonry Deck Sealer               | 236   | N/A | 100     | Decks, resurfaced concrete,<br>cementitious surfaces, or other<br>non-resilient substrates | Slip resistant, excellent adhesion, weather<br>resistant, fast drying              | 2 hours                            |  |
| Prosooco,<br>Concrete ScienceWaterPel                              | 211   | 4   | N/A     | Concrete, stucco & most<br>masonry surfaces                                                | Long lasting, water repellent, alkali resistant                                    | N/A                                |  |
| Prosooco,<br>Weather Seal GP, General Purpose Water Repellent      | 211   | 4   | 50-175  | Concrete, fired clay, marble,<br>travertine, limestone, granite,<br>sandstone, slate       | Long lasting water repellent, UV, alkali<br>resistant, penetrant                   | 1 hr. touch                        |  |
| L & M,<br>Hydroblock                                               | 195   | 15  | 50-100  | Concrete Block                                                                             | Non-yellowing, mildew resistant, good water<br>repellent                           | 2 hours                            |  |
| L & M,<br>Hydropel WB                                              | 195   | 8   | 100-250 | Vertical concrete masonry units                                                            | Long lasting, water repellent, non-yellowing                                       | 2 hours                            |  |
| Prosooco,<br>Concrete Science Silox 10                             | 194   | 7   | N/A     | Concrete & masonry                                                                         | Long lasting, water repellent, alkali resistant                                    | 1 hr. touch<br>24 hrs cure         |  |
| Okon,<br>Plugger Water Repellent Sealer OK-950                     | 146   | N/A | N/A     | Vertical surfaces only, Concrete<br>block, masonry, stucco                                 | UV, water resistant, non-flammable                                                 | N/A                                |  |
| Sierra Corp (TK Products),<br>TK-290 WB Tri-Siloxane               | 140   | 20  | 50-250  | Concrete, stucco, parking<br>structures, bridge decks                                      | Excellent penetration, UV, alkali, industrial<br>fumes and water resistant         | N/A                                |  |
| Okon,<br>W-1 Water Repellent Sealer OK-910                         | 134   | N/A | N/A     | Brick-glazed, concrete, granite,<br>limestone, plaster, stucco                             | Water, household chemicals resistant, non-<br>flammable                            | N/A                                |  |
| Prosooco,<br>Concrete Science Water Pel Natural Stone              | 129   | 5   | N/A     | Stone & masonry surfaces                                                                   | Long lasting, water repellent                                                      | 4-6 hrs                            |  |
| Okon,<br>W-2 Water Repellent Sealer OK-920                         | 119   | N/A | N/A     | Adobe block, brick, concrete,<br>stucco                                                    | Water, household chemicals resistant, non-<br>flammable                            | N/A                                |  |
| Sherwin Williams,<br>H & C Concrete & Masonry Waterproofing Sealer | 114   | 10  | 100-250 | Concrete, brick, masonry, cinder<br>block, flagstone, canvas,<br>stucco                    | Efflorescence, spalling, salt and water<br>resistant,                              | 15 min. touch<br>2-4 hrs recoat    |  |
| Karnak,<br>LL10, LL20                                              | 40-80 | N/A | 125-175 | Facades, pre-cast concrete,<br>roadways, stucco, brick, terra-<br>cotta                    | Water repellent, good penetration, prevents<br>spalling, chloride ion              | 7-10 days cure                     |  |
| Degussa/ChemRex,<br>Thoroglaize                                    | 75    | N/A | 100-300 | Concrete, concrete aggregate<br>panels, stucco, vertical surfaces,<br>interior/exterior    | Durable, non-yellowing, breathable, semi-<br>gloss finish                          | N/A                                |  |
| Farwest,<br>X-5645 Aqueous Concrete Sealer                         | 62    | 23  | 117-352 | Concrete Floors                                                                            | Excellent weathering, chemical, alkali, water<br>resistance                        | 1 hr touch                         |  |
| Sierra Corp (TK Products),<br>TK-1311 WB Silane Concentrate        | 59    | N/A | 150     | Concrete                                                                                   | Water repellent                                                                    | N/A                                |  |
| L & M,<br>Aquaapel & Aquaapel Plus                                 | 50    | N/A | 150-200 | All concrete surfaces, brick<br>pavers, aggregate                                          | Highly resistant to moisture, salt, good<br>penetration, breathable                | N/A                                |  |
| All Pro,<br>All-Seal Waterproofing Sealer                          | 47    | 14  | 100-250 | Masonry, stucco, roof, brick,<br>stone, adobe, drywall, plaster,<br>etc                    | Highly penetrating, UV, alkali resistant                                           | 1 hr touch<br>4-6 hrs recoat       |  |
| Rainguard,<br>Regular Clear Water Repellent                        | 40    | 8   | 45-120  | Masonry, concrete, stucco, EFIS,<br>composite                                              | Water repellent, UV, chloride resistant,<br>prevents spalling and cracking         | 1 hour to touch<br>1 day to recoat |  |
| Rainguard,<br>Super Clear Water Repellent                          | 40    | 8   | 45-150  | Masonry, concrete, stucco, EFIS,<br>composite                                              | Water repellent, UV, chloride resistant,<br>prevents spalling and cracking         | 1 hour to touch<br>1 day to recoat |  |
| Rainguard,<br>Blok-Lok Clear Water Repellent                       | 37    | 12  | 55-120  | Masonry, concrete, stucco, EFIS,<br>clay, adobe                                            | Superior water repellency, UV, chloride<br>resistant                               | 1 hour to touch<br>1 day to recoat |  |
| Smiland (Morwear),<br>Elastomeric Waterproofing, Clear 2571-70     | 30    | N/A | 80-200  | Concrete, wood & masonry                                                                   | Excellent elongation, durability,, water<br>resistance                             | 1-2 hrs touch                      |  |
| United Coatings,<br>Canyon Tone Clear Transparent W/B Sealer       | 29    | 10  | 100-250 | Concrete, masonry                                                                          | UV stable, deep penetrating, chloride,<br>spalling, water resistant, non-yellowing | 15 minutes<br>1 hr. cure           |  |
| Seal-Krete,<br>High Solids Waterproofing Sealer                    | 15    | 25  | 80-300  | Vertical surfaces only, Stone,<br>brick, adobe, wood, plaster<br>limestone, coral, drywall | Waterproofing, excellent adhesion, non-<br>yellowing, breathable                   | 1-2 hours                          |  |

|                                                                   |   |     |         |                                                                                                                                                                                                       |                                                                                                                   |                                            |  |
|-------------------------------------------------------------------|---|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--|
| Seal-Krete,<br>Waterproofing Sealer                               | 8 | 10  | 50-300  | Stucco, concrete, brick, roof tile,<br>wood, siding, metal, adobe                                                                                                                                     | Non-yellowing , good adhesion and<br>penetration                                                                  | 1-2 hours                                  |  |
| Smiland (Morwear),<br>Int/Ext Heavy Duty Waterproofing 2555-70    | 2 | N/A | 50-200  | Concrete, masonry, brick,<br>stucco, stones, porous tile<br>sandstone, slate                                                                                                                          | UV protectant, stops spalling and dusting,<br>good adhesion, highly water repellent                               | 72 hours                                   |  |
| GE Sealants & Adhesives,<br>VIP1550 Concentrated Water Repellent  | 1 | 47  | 125-450 | Concrete driveways, walkways,<br>brick paver, patio deck steps, and<br>vertical masonry surfaces<br>including natural and synthetic<br>stone, tilt up concrete, brick,<br>clay tile, stucco and block | UV resistant, excellent water repellency,<br>resistant to cracking, blistering, alkali,<br>spalling, chloride ion | 12-14 hours for foot traffic<br>7 day cure |  |
| Life Paint Company,<br>#1325 Micro-Life Concrete Masonry Sealer   | 1 | 6   | 100-150 | Concrete, masonry blocks,<br>stucco                                                                                                                                                                   | Fast drying, penetrating                                                                                          | Fast drying                                |  |
| BEHR,<br>No. 980 Concrete & Masonry Waterproofer                  | 0 | N/A | 250     | Block, pavement, stucco, brick,<br>unglazed tile, concrete, slate                                                                                                                                     | Excellent penetration, resists spalling,<br>efflorescence, mildew                                                 | 24-48 hrs                                  |  |
| Degussa/ChemRex,<br>Thoroclear Special                            | 0 | N/A | 200-300 | Interior/exterior,<br>vertical/horizontal concrete,<br>aged limestone                                                                                                                                 | Penetrates, seals, water repellent, breathable                                                                    | N/A                                        |  |
| L & M,<br>Seal Hard                                               | 0 | N/A | 200     | Concrete floors                                                                                                                                                                                       | Abrasion resistant, non-yellowing, chip and<br>peel resistant, odorless                                           | 2-4 hours                                  |  |
| Prosoco,<br>ToughCoat PS                                          | 0 | 18  | 200-600 | Concrete surfaces                                                                                                                                                                                     | Resistant to chemicals, oil, gas, & rubber<br>marking                                                             | 4-5 days                                   |  |
| Samuel Cabot,<br>Waterproofing With Teflon Surface Protector 1000 | 0 | 6   | 100-250 | Wood, masonry, concrete, brick,<br>stone & unglazed tile                                                                                                                                              | Washable, water, oil and grease repellent,<br>mildew resistant                                                    | 3 hrs touch<br>24 hours recoat             |  |
| Sherwin Williams,<br>H & C WB-50 Water Based Water Repellent      | 0 | 3   | N/A     | Concrete, concrete block, bricks,<br>tiles, plaster                                                                                                                                                   | Flexible, durable, inhibits mold and mildew<br>growth                                                             | 1-4 hrs touch                              |  |

| Pigmented                                                                                    |     |       |         |                                                                                                                                                                                                                         |                                                                                                                 |                                 |  |
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| Benjamin Moore,<br>100% Acrylic Elastomeric Waterproof Coating Flat<br>056, White            | 250 | 39    | 80-100  | For uncoated or new masonry<br>and previously painted surfaces<br>such as smooth stucco,<br>concrete/cinder block, fiber<br>cement siding, pre-cast concrete,<br>poured in place concrete, and tilt-<br>up construction | Resistant to wind driven rain, salt spray (fog),<br>mildew, long lasting                                        | 2 hrs touch<br>Overnight recoat |  |
| Benjamin Moore,<br>100% Acrylic Elastomeric Waterproof Coating Low<br>Lustre 055, White      | 250 | 39    | 60-80   | Uncoated or new masonry and<br>previously painted surfaces such<br>as stucco, concrete/cinder block,<br>fiber cement siding, pre-cast<br>concrete, poured in place<br>concrete, and tilt-up construction                | Resistant to wind driven rain, salt spray (fog),<br>mildew, long lasting                                        | 2 hrs touch<br>Overnight recoat |  |
| Benjamin Moore,<br>Moorlastic, Elastomeric-Fine Texture 060, White                           | 250 | 49    | 40-80   | New and previously painted<br>stucco, concrete block, cast-in-<br>place, precast, tilt-up concrete,<br>exterior insulation finishing<br>systems (EIFS), brick, wood, and<br>metal                                       | Capable of 330% elongation, mildew resistant,<br>wind driven rain resistant, allows water vapor<br>transmission | 2 hrs touch<br>4-6 hours        |  |
| Benjamin Moore,<br>Masonry Sealer 066, White                                                 | 200 | 13    | 200-400 | Concrete, masonry, stucco, block<br>construction                                                                                                                                                                        | Excellent adhesion, alkali resistant                                                                            | 1 hr touch<br>4 hrs recoat      |  |
| Hill Brothers,<br>Concrete/Masonry Floor Paint & Sealer-Pigmented                            | 200 | 6     | 400-450 | Concrete, masonry, floors,<br>porches, patios                                                                                                                                                                           | Excellent adhesion, deep penetrant, scuff<br>resistant, non-yellowing                                           | 24 hrs                          |  |
| Sherwin Williams,<br>H & C Block Shield Masonry Waterproofer, White<br>and various colors    | 173 | 42    | 75-150  | Interior & exterior concrete,<br>masonry<br>stucco, bricks                                                                                                                                                              | UV resistant, above and below grade<br>application                                                              | 1 hr touch<br>3 hrs recoat      |  |
| Columbia,<br>Master Grip Modified Acrylic Primer 05-054, Off-<br>white                       | 156 | 41    | 215     | Interior, exterior masonry,<br>concrete, brick & concrete<br>block                                                                                                                                                      | Excellent adhesion, alkali resistant, high<br>coverage                                                          | 1-2 hrs touch<br>16 hrs recoat  |  |
| Rainguard,<br>American 500 Colored Masonry Deck Sealer                                       | 109 | N/A   | 120     | Masonry, balconies, decks,<br>patios, driveways, walkways                                                                                                                                                               | Slip resistant, excellent adhesion, weather<br>resistant, fast drying                                           | 1-2 hours                       |  |
| Poly-Carb,<br>Mark 87.6 Smooth Elastomeric Wall Coating                                      | 100 | N/A   | N/A     | Block, concrete, stucco and<br>cement                                                                                                                                                                                   | Flexible, breathable, UV resistant                                                                              | N/A                             |  |
| Sherwin Williams,<br>ConFlex XL Texture High Build A5-800 Series, Most<br>Colors             | 94  | 49    | 70-80   | Concrete, stucco, masonry                                                                                                                                                                                               | Extremely strong adhesion, mildew resistant,<br>flexible, durable                                               | 4 hrs touch<br>24 hrs recoat    |  |
| Sani-Tred,<br>AR-SF Colorcoat (Gray, Tan or White)                                           | 78  | 90    | N/A     | Concrete decks, metal, wood,<br>masonry                                                                                                                                                                                 | Water repellent, excellent adhesion, UV,<br>chemical, blister, cracking, peeling resistant                      | N/A                             |  |
| Everest Coatings,<br>Evercoat 700S High Modulus Waterproof Coating,<br>1                     | 69  | 60    | 50-100  | Concrete, masonry, stucco                                                                                                                                                                                               | Durable, UV, mildew resistant, good adhesion                                                                    | 3 hrs touch<br>12-24 hrs recoat |  |
| Degussa/ChemRex,<br>Thorocoat DOT                                                            | 58  | 49    | 60-100  | Vertical and overhead concrete<br>surfaces, DOT concrete<br>structures, previously coated<br>surfaces                                                                                                                   | Resists wind driven rain, weathering, erosion<br>and impact, water vapor permeable, recoatable                  | 1-2 hrs touch<br>2-4 recoat     |  |
| Degussa/ChemRex,<br>Thorocoat F-74                                                           | 56  | 49-51 | N/A     | Pedestrian traffic concrete decks,<br>floors, walkways, stairs,<br>swimming pool decks                                                                                                                                  | Skid, UV, weather resistant                                                                                     | 24 hrs cure                     |  |
| Vista Paint,<br>500 Solutex Concrete Masonry Sealers 4600<br>Uniprime II, White and Tintable | 58  | 51    | 35-60   | Concrete, stucco, plaster,<br>masonry                                                                                                                                                                                   | Excellent elongation, superior adhesion,<br>durability                                                          | 4 hrs touch<br>8 hrs recoat     |  |

|                                                                                |       |     |                       |                                                                                                                           |                                                                                                          |                                             |  |
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| Degussa/ChemRex,<br>Thorolastic                                                | 38-50 | 58  | 50-100                | Exterior above grade concrete<br>structures, brick and concrete<br>masonry                                                | Flexible, breathable, UV, wind driven rain,<br>CO <sub>2</sub> resistant                                 | 6 hrs touch<br>12-24 recoat                 |  |
| Degussa/ChemRex,<br>Thorogard                                                  | 44    | 47  | 80                    | Exterior, above grade walls,<br>previously coated surfaces, aged<br>stucco, concrete, plaster                             | Flexible, breathable, UV, weather resistant                                                              | 5 hrs touch<br>12-24 hrs recoat             |  |
| EVR-Gard Coatings,<br>119 Elastomeric Wall Coating, White and custom<br>colors | 25    | 45  | 50-100                | Wood, masonry, concrete, metal                                                                                            | Tough, flexible, water repellent                                                                         | 1 hr touch<br>24 hrs recoat                 |  |
| Degussa/ChemRex,<br>Thoroseal                                                  | 0     | N/A | 225-450<br>per 50 lbs | Concrete, block, brick, porous<br>stone, basements and retaining<br>walls, bridges, foundations,<br>above and below grade | Breathable, waterproof, covers defects and<br>blemishes                                                  | 7-10 day cure                               |  |
| EPMAR,<br>Tru-Kote 1120 High Solids Epoxy,<br>2 component, Various Colors      | 0     | 95  | 250-300               | Concrete, masonry, fiberglass                                                                                             | Excellent adhesion, chemical resistance, 30<br>minute pot life                                           | 6-8 hrs recoat                              |  |
| Poly-Carb,<br>Mark 154 (2 component)                                           | 0     | N/A | N/A                   | Highway bridge decks                                                                                                      | Flexible, de-slicking                                                                                    | N/A                                         |  |
| Poly-Carb,<br>Mark-163 Flexogrid (2 component)                                 | 0     | N/A | N/A                   | Highway bridge decks                                                                                                      | Flexibe, de-slicking, non-porous, fast-curing                                                            | N/A                                         |  |
| Gaco Western Inc.,<br>GacoFlex LM-60 Urethane Black,<br>2                      | 0     | 100 | 25                    | Concrete, metal & plywood                                                                                                 | Excellent resistance to water immersion, good<br>alkali and salt resistance, durable, 1 hour pot<br>life | N/A                                         |  |
| <b>Both Clear and Pigmented</b>                                                |       |     |                       |                                                                                                                           |                                                                                                          |                                             |  |
| Benjamin Moore,<br>Moore's Alkyd Masonry Sealer C077, White/Clear              | 350   | 55  | 100-300               | Exterior Use on masonry<br>surfaces                                                                                       | N/A                                                                                                      | N/A                                         |  |
| JFB Hart Coatings, Inc<br>HP-146 Clear/Pigmented                               | 100   | 33  | 240-480               | Steel, aluminum, galvanized<br>metal, concrete/block, masonry,<br>wood                                                    | Superior color, gloss retention, non-yellowing,<br>good chemical and abrasion resistance                 | 8 minutes to touch,<br>30 minutes to recoat |  |
| Okon,<br>Waterstopper OK-970, Tintable                                         | 90    | 70  | N/A                   | Basement walls, block walls,<br>brick, foundations walls,<br>retaining walls, stucco                                      | Low abrasiveness, non-flammable, UV<br>resistant, breathable                                             | 0.5 hrs touch<br>3 hours recoat             |  |
| JFB Hart Coatings, Inc<br>HP-105 Clear/Pigmented E/I,<br>2                     | 0     | 53  | 350-450               | Steel, aluminum, galvanized<br>metal, concrete/block, masonry                                                             | Non-yellowing, UV and chemicals resistant,<br>flexible, mar and abrasion resistant                       | 6-8 hrs recoat                              |  |

N/A= Not Available