

**Righter Group Master High Performance Coatings Schedule
Steel and Masonry Surfaces
(Meets LEED New Construction Version 4.0)**

- A. Exterior Paint Schedule: Basis of design, are products manufactured by Tnemec Company, Kansas City, MO and RD Coatings, Stratford, CT. Equivalent products may be submitted for approval to the Engineer subject to review of compliance with performance and properties of the named products.
1. Exterior Wood – Elastomeric Pigmented Acrylic
 - Coat 1: RD-Elastoflex Primer at 3.0-3.5 mils DFT.
 - Coat 2: RD-Elastoflex at 4.0-5.0 mils DFT
 - Coat 3: RD-Monograff, low sheen polyurethane at 2.0 mils DFT
 2. Exterior Masonry to be Painted
 - Coat 1: Tnemec Series 156 Enviro-Crete at 6.0-8.0 mils DFT
 - Coat 2: Tnemec Series 156 Enviro-Crete at 6.0-8.0 mils DFT
(Previously coated Masonry – Prime surface with Tnemec Series 151)
 3. Exterior Masonry and Concrete to be Stained
 - Coat 1: Chemprobe Prime-A-Pell H₂O 100-125 sq. /gal
 - Coat 2: Chemprobe Conformal Stain WB 100-110 sq. /gal
 4. Exterior Plaster, Glazed Brick, Previously Painted Masonry, and Previously Painted Concrete
 - Coat 1: Tnemec Series 151-1051 Elasto-Grip FC at 1.0-1.5 mils DFT
 - Coat 2: Tnemec Series 156 Enviro-Crete at 6.0-8.0 mils DFT
 - Coat 3: Tnemec Series 156 Enviro-Crete at 6.0-8.0 mils DFT
 5. Heavily Rusted or Corten Steel Exterior Ferrous Metal (Low Odor System)
(Surface Preparation: SSPC-SP WJ-4 5000 psi followed by SSPC-SP3 Power Tool Cleaning)
 - Coat 1: RD-Elastometal at 6.0-8.0 mils DFT
 - Coat 2: RD-Elastometal at 6.0-8.0 mils DFT
 - Coat 3: RD-Monoguard at 3.0-4.0 mils DFT
 6. Exterior Non-Ferrous Metal Siding and Roofing Thin Gauge Metal (Galvi, Lead Coated Copper Panels, Aluminum)
(Surface Preparation: SSPC-SP WJ-4, 5,000 psi pressure wash with oscillating tip)
 - Coat 1: RD-Elastometal at 6.0.-8.0 mils DFT
 - Coat 2: RD-Elastometal at 6.0-8.0 mils DFT
 - Coat 3: RD-Monoguard at 3.0-4.0 mils DFT
 7. Exposed Steel Lintels, Mechanical Equipment, Vents, Stacks, etc., Scheduled for Maintenance Painting (Low Odor System)
(Surface Preparation: SSPC-SP WJ-4, 5,000 psi pressure wash with oscillating tip, followed by SSPC-SP3 Power Tool Cleaning)
 - Coat 1: 1 Full coat of RD-Elastometal, applied to cleaned to bare metal at 6.0-8.0 mils DFT
 - Coat 2: 1 Full Coat of RD-Monoguard at 4.0-6.0 mils DFT
 8. Exterior Previously Coated Fluoropolymer Coated Siding/Roofing Panels
(Surface Preparation: SSPC-SP1 and sanding with Scotch Bright pads to a uniform profile of 1.0 mils) Bond tests to determine adhesion prior to commencement of painting
 - Coat 1: Tnemec Series 27 F.C. Typoxy or Tnemec Series 135 Chembuild at 3.0-4.0 mils DFT
 - Coat 2: Tnemec Series 1071/1072 Fluoronar or Tnemec Series 1078 Fluoronar Metallic at 2.0-3.0 mils DFT

B. Interior Paint Schedule:

1. Interior Concrete and CMU (LEED v4)
(High Performance System)
 - Coat 1: Tnemec Series 1254 EpoxoBlock WB Filler at 100 sq. ft. /gallon (CMU only)
 - Coat 2: Tnemec Series 1224 Epoxoline 6.0-8.0 mils DFT
 - Coat 3: Tnemec Series 1081 Endura-Shield WB at 2.0-3.0 mils DFT
 - Coat 4: Tnemec Series 1081 Endura-Shield WB at 2.0-3.0 mils DFT
2. Interior Concrete Floors (Pedestrian Traffic) (LEED v4)
(Surface Preparation: Shot blast all surfaces)
 - Coat 1: Tnemec Series 287 Enviro-Pox at 3.0-4.0 mils DFT
 - Coat 2: Tnemec Series 287 Enviro-Pox at 3.0-4.0 mils DFT
3. Interior Miscellaneous Metal (LEED v4)
(Surface Preparation: SSPC-SP3)
 - Coat 1: Tnemec Series 27 WB Typoxy at 2.0-3.0 mils DFT (shop applied)
 - Coat 2: Tnemec Series 1028/1029 Enduratone at 2.0-3.0 mils DFT
 - Coat 3: Same as Coat 2
4. Interior Exposed Steel & Joist, Ductwork, Etc. (dry areas only) (LEED v4)
 - Coat 1: Tnemec Series 115 Uni-Bond DF at 2.5-4.0 mils DFT
5. CMU and Concrete to Receive High Performance Acrylic System (LEED v4)
 - Coat 1: Tnemec Series 1254 EpoxoBlock WB Filler (CMU only)
 - Coat 2: Tnemec Series 1028/1029 Enduratone at 2.0-3.0 mils DFT
 - Coat 3: Same as Coat 2
6. New Drywall to Receive Special Coatings (LEED v4)
 - Coat 1: Tnemec Series 27WB Typoxy at 4.0-6.0 mils DFT
 - Coat 2: Tnemec Series 1080/1081 Endura-Shield at 2.0-3.0 mils DFT
 - Coat 3: Tnemec Series 1080/1081 Endura-Shield WB at 2.5-3.0 mils DFT
7. Mechanical Room Floors to Receive Coating (LEED v4)
 - Body Coat: 1 Full coat of Tnemec Series 241 Ultra-Tread MVT applied at approximately 40-45 mils with 30/50 mesh sand broadcast to rejection.
 - Intermediate Coat: Tnemec Series 237 Power-Tread applied at 6.0-8.0 mils DFT.
 - Grout Coat: Tnemec Series 237 Power-Tread applied at 6.0-8.0 mils DFT.
 - Finish Coat: 1 Full coat of Tnemec Series 297 Enviro-Glaze waterbased polyurethane coating in color selected by architect at 2.0-3.0 mils DFT
8. Odorless Clear Concrete Floor Sealer (LEED v4)
 - Coat 1: Ashford Formula by Curecrete Chemical Company
9. CMU with No Mat Reinforcement
 - Block Fill: Tnemec Series 1254 EpoxoBlock WB Filler at 100 sq. ft. per gallon.
 - Coat 1: Tnemec Series 27WB Epoxoline WB 100% solids epoxy at 8.0-10.0 mils DFT per coat, apply 2 coats.
 - Topcoat: 2-Full Coats of Tnemec Series 1080/1081 Endura-Shield WB at 2.0-3.0 mils DFT
10. Drywall to Be Coated with High Performance Glaze Wall Coating (Unreinforced) Including Ceilings in Vivarium's.
 - Body Coat: Tnemec Series 1224 Epoxoline WB at 4.0-6.0 mils DFT
 - Intermediate Coat: Tnemec Series 1224 Epoxoline WB at 6.0-8.0 mils DFT
 - Top Coat: 2-Full Coats Tnemec Series 1080/1081 Endura-Shield at 2.0-3.0 mils DFT per coat.

Temporary Protection for interior flooring subjected to medium traffic (lighter scissor lifts and roller staging) and vertical protection. Potential surfaces could include: stone, marble, wall coverings, glass, curtain wall, paint, fabrics, and other finished materials. Shall meet LEED v4 and be FR Rated per NFPA- 701 and ASTM E648.

1. ENTRY POINT PROPLEXFR 700, lightweight 3.5 lb. semi-ridged Polypropylene sheets for interior use, 4 mm board at 700 grams/m². Material shall be waterproof, non-warping when wet, light weight, and may be reused multiple times before recycling.

Specifier Notes: This product selection guide is written according to the Construction Specifications Institute (CSI) Format, including *Master Format*, *Section Format*, and *Page Format*, contained in the *CSI Manual of Practice*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings.

Delete all “Specifier Notes” when editing this section.

Specifier Notes: This section covers Tnemec high-performance coating systems for commercial facilities.

This schedule is only a guide listing various coating system options for various environments and should not be used as a final specification. Additional coating systems not listed in this schedule are available, and may be more appropriate for your coating application. To finalize this coatings schedule, please contact www.rightergroup.com

Most coatings specified contain organic solvents. Consult Righter Group, Inc. for compliance to local VOC regulations.

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