

**High Performance Maintenance Coating Schedule**  
**Steel and Masonry Surfaces**  
**(Meets LEED New Construction Version 3.0)**

Section 09900: PAINT SCHEDULE

- 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 Unifix Primer  
Coat 2: RD ElastoFlex at 4.0-5.0 mils DFT.  
Coat 3: RD MurAcryl, low sheen acrylic at 2.0 mils DFT.

2. Exterior Masonry to be Painted, (Uncoated)

Coat 1: Tnemec 156 Enviro-Crete 6.0-8.0 mils DFT  
Coat 2: Tnemec 156 Enviro-Crete 6.0-8.0 mils DFT

3. Exterior Masonry and Concrete to be Stained

Coat 1: Chemprobe Prima-Pel H<sub>2</sub>O 100-125 sq/gal  
Coat 2: Chemprobe Conformal Stain WB 100-110 sq/gal

4. Exterior Plaster, Glazed Brick, and Previously Painted Masonry and Previously Painted Concrete

Coat 1: Tnemec 151 Elasto-Grip 1.0-1.5 mils DFT  
Coat 2: Tnemec 156 Enviro-Crete 6.0-8.0 mils DFT  
Coat 3: Tnemec 156 Enviro-Crete 6.0-8.0 mils DFT

5. Previously Painted Exterior Ferrous Metal (Low Odor System)  
(Surface Preparation: SSPC-SP3 or SP11)

Coat 1: RD Elastometal, applied over cleaned to bare metal at 6.0-8.0 mils DFT.  
Coat 2: One Full Coat of RD Elastometal at 6.0-8.0 mils DFT.  
Coat 3: One Full Coat of RD MurAcryl at 2.0-2.5 mils DFT.

6. Exterior Non-Ferrous Metal Siding and Roofing (Galvi, Lead Coated Copper Panels, Aluminum)  
(Surface Preparation: SSPC-SP12, 5,000 psi pressure wash with oscillating tip)

Coat 1: RD Unifix Primer at 1.0-2.0 mils DFT  
Coat 2: RD Elastometal at 6.0-8.0 mils DFT  
Coat 3: RD MurAcryl at 2.0-3.0 mils DFT

7. Exposed steel lintels, mechanical equipment, vents, stacks, etc., scheduled for maintenance painting:  
(Low Odor System)  
(Surface Preparation: SSPC-SP12, 5,000 psi pressure wash with oscillating tip)

Coat 1: RD Elastometal, applied over cleaned to bare metal at 6.0-8.0 mils DFT.  
Coat 2: One Full Coat of RD Elastometal at 6.0-8.0 mils DFT.  
Coat 3: One Full Coat of RD MurAcryl at 2.0-2.5 mils DFT. (for exposed surfaces only).

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)

Coat 1: Tnemec Series 27 Typoxy or 135 Chem-Build 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

9. Exterior Concrete Balcony Surfaces for Waterproofing:  
(Surface Preparation: SSPC-SP12, 5,000 psi pressure wash with oscillating tip for bare concrete).

Coating System: RD Elasto-Deck Resinous Balcony Coating System.

(Reinforced and Non-Reinforced systems are available. Please contact your Righter Group representative for details).

B. Interior Paint Schedule:

1. Interior Concrete and CMU (LEED NC 3.0)  
(High Performance System)

Coat 1: Tnemec Series 130 Envirofill at 100 sq. ft. per gallon (CMU only)

Coat 2: Tnemec Series 280 Tneme-Glaze at 6.0-8.0 mils DFT

Coat 3: Tnemec Series 1081 Endurashield WB at 2.0-3.0 mils DFT

2. Interior Concrete Floors (Pedestrian Traffic) (LEED NC 3.0)  
(Surface Preparation: Shot blast all surfaces)

Coat 1: Tnemec Series 287 Enviro-Tread at 3.0-4.0 mils DFT

Coat 2: Tnemec Series 287 Enviro-Tread at 3.0-4.0 mils DFT

3. Interior Miscellaneous Metal (LEED NC 3.0)  
(Surface Preparation: SSPC-SP3)

Coat 1: Tnemec Series 27 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 NC 3.0)

Coat 1: Tnemec Series 115 Unibond at 2.5-4.0 mils DFT

5. CMU and Concrete to Receive High Performance Acrylic System (LEED NC 3.0)

Coat 1: Tnemec Series 130 Envirofill (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 NC 3.0)

Coat 1: Tnemec Series 201 Epoxoprime at 2.0-4.0 mils dry

Coat 2: Tnemec Series 280 Tneme-Glaze at 4.0-6.0 mils DFT

Coat 3: Tnemec Series 1080/1081 Endurashield WB at 2.5-3.5 mils DFT

7. Mechanical Room Floors To Receive Coating (LEED NC 3.0)

Bonding Coat: One full coat of RD Unifix, waterborne impregnation primer to prepared surfaces at 1.0-2.0 mils DFT

Fabric Membrane: Rd Bridging Fleece applied into two-coats of RD Elasto-Deck waterborne elastomeric acrylic dispersion applied over floor and up verticals to a height of 6' at 6.0-8.0 mils DFT per coat.

Smoothing Coat: RD Elasto-Deck waterborne elastomeric coating applied over all surfaces to smooth off laps and butt joints at 6.0-8.0 mils DFT

Finish Coat: One full coat of RD MurAcryl waterborne elastomeric acrylic coating in color selected by architect at 2.0-3.0 mils DFT.

Note: Use RD Acry-Kit sealant for all transitions. Detail all penetrations and terminations using RD Elasto-Deck and Bridging Fleece following prime coat application.

8. Odorless Clear Concrete Floor Sealer (LEED NC 3.0)

Coat 1: Ashford Formula by Curecrete Chemical

9. Anti-Microbial Coating System (LEED NC 3.0)  
(Drywall/Concrete/CMU – Tnemec 130 Envirofill on CMU Only)

Coat 1: Tnemec Series 151 Elasto-Grip at 1.0-1.5 mils DFT

Coat 2: Tnemec Series 158 Bio-Lastic at 6.5-7.5 mils. DFT (minimum)

Coat 3: Tnemec Series 158 Bio-Lastic at 6.5-7.5 mils DFT (minimum)

Note: Series 158 Bio-Lastic must meet minimum 13 mils DFT

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](http://www.rightergroup.com)

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

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