# Tnemec Master High Performance Architectural Coatings Schedule
# (Meets LEED New Construction Version 3.0)

3.7 PAINT SCHEDULE

A. Exterior Paint Schedule: Basis of design are products manufactured by Tnemec and Benjamin Moore. 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 – Natural
(Penetrating Clear Preservation System)

Coat 1: Moore's Penetrating Clear Wood Finish and Preservative
Coat 2: Same a Coat 1

2. Exterior Masonry to be Painted

Coat 1: Tnemec 156 Enviro-Crete 6.0-8.0 mils DFT (Dry Film Thickness)
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 H20 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. Exterior Ferrous Metal
(Surface Preparation: SSPC-SP6)

Coat 1: Tnemec Series 90-97 or H90-97 Tnemec-Zinc (shop applied) at 2.5-3.5 mils DFT
Coat 2: Tnemec 27 Typoxy (shop applied) at 3.0-5.0 mils DFT
Coat 3: Tnemec Series 73 Endura-Shield II at 2.0-3.0 mils DFT
Optional Coat 4: Tnemec Series 1071/1072 Fluoronar or Tnemec Series 1078 Flouronar Metallic at 2.0-3.0 mils DFT
Note: For extended color and gloss performance.

6. Exterior Non-Ferrous Metal (except Aluminum)
(Surface Preparation: SSPC-SP1 - Followed by SSPC-SP3 or SP7 to establish uniform anchor profile)

Coat 1: Tnemec Series 27 Typoxy at 2.0-3.0 mils DFT
Coat 2: Tnemec Series 73 Endura Shield at 2.0-3.0 mils DFT
Optional Coat 3: Tnemec Series 1071/1072 Fluoronar or Tnemec Series 1078 Flouronar Metallic at 2.0-3.0 mils DFT
Note: For extended color and gloss performance.

7. Exterior Galvanized Metal (not finished under sections 05120, 05500)
(Surface Preparation: SSPC-SP1 - Followed by SSPC-SP3 or SP7 to establish uniform anchor profile)

Coat 1: Tnemec Series 27 Typoxy at 2.0-3.0 mils DFT
Coat 2: Tnemec Series 73 Endura-Shield at 2.0-3.0 mils DF
Optional Coat 3: Tnemec Series 1071/1072 Fluoronar or Tnemec Series 1078 Flouronar Metallic at 2.0-3.0 mils DFT
Note: For extended color and gloss performance.

8. Exterior Aluminum
(Surface Preparation: SSPC-SP1 and sanding with Scotch Bright pads to a uniform profile of 1.0 mils)

Coat 1: Tnemec Series 27 Typoxy at 2.0-3.0 mils DFT
Coat 2: Tnemec Series 73 Endura-Shield at 2.0-3.0 mils DFT
Optional Coat 3: Tnemec Series 1071/1072 Fluoronar or Tnemec Series 1078 Flouronar Metallic at 2.0-3.0 mils DFT
Note: For extended color and gloss performance.

B. Interior Paint Schedule:

1. Interior Wood-Painted
(Satin Latex System)

Coat 1: Moore's Latex Enamel Underbody
Coat 2: Moore's Satin
Coat 3: Same as Coat 2

2. Interior Wood-Transparent
(Satin Water Base Polyurethane System)

Coat 1: Sealer/wash coat
Coat 2: Benwood Architectural Penetrating Stain
Coat 3: Benwood Paste Wood Filler (Tinted)
Coat 4: Satin Urethane
Coat 5: Same as Coat 4

3. Interior Drywall and Plaster
(Eggshell** Latex System)

Coat 1: Moore's Latex Quick Dry Prime Seal or Latex Enamel Underbody
Coat 2: Moore's Horizon Line Interior
Coat 3: Same as Coat 2

**: Provide Moore's Vinyl Latex flat finish on ceilings

4. Interior Drywall and Plaster
(Variegated Paint System)

Coat 1: Polomyx 202/208 or wall primer
Coat 2: Polomyx "All Acrylic" tone on tone finish at 175 sq. ft. per gallon

5. 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 1029 at 2.0-3.0 mils DFT
   Coat 3: Tnemec Series 1081 Endurashield WB at 2.0-3.0 mils DFT

6. Interior Concrete Floors (Moderate 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

7. 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

8. Interior Ferrous Metal, Non-Ferrous and Galvanized Metal
   (Surface Preparation: SSPC-SP1 Solvent Wipe and SSPC-SP3 Power Tool or SP7 to establish uniform anchor profile). (LEED NC 3.0)

   Coat 1: Tnemec Series 27 Typoxy at 2.0-3.0 mils DFT
   Coat 2: Tnemec 1080 / 1081 Endurashield WB at 2.0-3.0 mils DFT

9. Interior CMU & Concrete (LEED NC 3.0)
   (Glazed Epoxy Wall Coating)

   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: Same as Coat 2

10. 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

11. 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.

12. 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

13. 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 Tennis-Cryl waterborne elastomeric acrylic coating in color selected by architect at 3.0-4.0 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.

14. Odorless Concrete Floor Sealer (LEED NC 3.0)

    Coat 1: Ashford Formula by Curecrete Chemical

15. 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

16. Anti- Graffiti - Coating Over New Precast/Concrete/Brick

    Coat 1: Chemprobe 626 Dur A Pell GS at 100-125 sq. ft. per gallon
    Coat 2: Chemprobe 626 Dur A Pell GS at 100-125 sq. ft. per gallon

17. Fiberglass Reinforced Wall Systems- (For Clean and Sterile Spaces) (LEED NC 3.0)

    Substrate: Cement Board/CMU (High Impact or conventional Drywall* Qualified)

    Base Coat: **For cement-board substrates** use Series 218 MortarClad applied to achieve a filled, smooth surface approximately 1/16 inch. Fiberglass joint tape to be embedded with 218 Series at all joints. (See note #1 if using drywall or note #2 for drywall/cement-board combination)

    **For Hardboard substrates** – Base coat material shall be Tnemec Series 215. Fiberglass joint tape to be embedded at all joints. (Note: designer needs to coordinate with wallboard section (09260) of document).

    Prime Coat: Series 201 Epoxoprime applied by roller to 150 sq. ft. per gallon.

    Intermediate Bedding Coat: Series 280 Tnemec-Glaze applied at a rate of 125 sq. ft. per gallon into the wet film imbed Series 273C FM. Overlap and double cut seams,

smoothing the mat to saturation with additional application of Series 280 Tneme-Glaze at a rate of 150 sq. ft. per gallon.

Following bedding coat cure, sand the surfaces to remove any raised fiber and or excess material

Intermediate Filling Coat: Series 280 Tneme-Glaze applied at a rate of 150 sq. ft. per gallon. Sand thoroughly before topcoating especially if recoat window has been missed.

Finish Coat: Series 1081 Endurashield WB applied to achieve 2.0 - 3.0 mils dry film thickness. Color as selected by owner.

18. CMU To Be Coated (Coating System No Mat-Reinforcement) (LEED NC 3.0)

Block Fill: Tnemec 130 Envirofill at 100 square feet per gallon.
Prime Coat: Tnemec 201 to all surfaces at 4.0 – 6.0 mils DFT.
Intermediate Coat: Tnemec 280 Tnemec 100% solids epoxy (gloss) at 10.0 mils DFT per coat. Apply two coats.
Topcoat: Tnemec 1081 Endurashield WB at 2.0 – 3.0 mils DFT.

19. System #2 Concrete Masonry Block (Using Fiberglass) (LEED NC 3.0)

Trowel Fill Coat: Tnemec Series 218 Mortar Clad applied at minimum rate of 20-40 square feet per gallon. Parge entire surface with 218 Series.

Intermediate Bedding Coat: Series 280 Tneme-Glaze applied at a rate of 125 sq. ft. per gallon. Into the wet film imbed Series 273 Fiberglass Mat. Overlap and double cut seams, smoothing the mat to saturation with Series 280 Tneme-Glaze applied at a rate of 150 sq. ft. per gallon. Following cure, sand the surfaces to remove any raised fiber and or excess material.

Topcoat: Apply additional coat of 280 Tneme-Glaze at a rate of 175 sq. ft. per gallon. Sand after cure before topcoating.

Finish Coat: Series 1081 Endurashield WB roller applied to achieve minimum 2.5 – 3.0 dry film thickness.

20. Drywall To Be Coated With High Performance Glaze Wall Coating (non-reinforced) (LEED NC 3.0)
Prime Coat: Tnemec 201 Epoxoprime @ 4.0-6.0 mils DFT
Intermediate Coat: Tnemec 280 Tneme-Glaze @ 6.0-8.0 mils DFT
Topcoat: Tnemec Series 1081 Endurashield WB @ 2.0-3.0 mils DFT

21. Drywall And Ceilings – Antibacterial Coating (LEED NC 3.0)

Prime Coat: Tnemec 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 13.0 mils DFT

22. CMU To Receive Antibacterial Coating (LEED NC 3.0)

Prime Coat: Tnemec 130 Envirofill at 100 square feet per gallon.
Coat 1: Tnemec 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 13.0 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

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

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