



SYSTEMS GUIDE

TO HIGH-PERFORMANCE COATINGS FOR ENVIRONMENTAL RATING SYSTEMS

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INNOVATION IN EVERY COAT.™

STEEL - SHOP PRIMER FINISHING

INTERIOR EXPOSED

System Type	Inorganic Water-Based Epoxy Primer
Surface Preparation	SSPC-SP6 / NACE 3
Primer (Shop)	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Total DFT	4.0 - 6.0 mils

INTERIOR/EXTERIOR EXPOSED - IMMERSION/NON-IMMERSION

System Type	Zinc-Rich Primer
Surface Preparation	SSPC-SP6 / NACE 3
Primer (Shop)	Series 94-H ₂ O Hydro-Zinc or 394 PerimePrime at 2.5 - 3.5 mils DFT
Total DFT	2.5 - 3.5 mils

INTERIOR STEEL

SHOP PRIMER FOR DRY INTERIOR, CONCEALED

System Type	Inorganic Water-Based Epoxy
Surface Preparation	SSPC-SP2/3
Primer (Shop)	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Total DFT	4.0 - 6.0 mils

EXTENDED FIELD EXPOSURE OF SHOP PRIMER AND/OR MODERATE CONDITIONS

System Type	Zinc or Epoxy / Acrylic / Acrylic
Surface Preparation	SSPC-SP6 / NACE 3
Primer (Field)	Series 94-H ₂ O Hyrdo-Zinc at 2.5 - 3.5 mils DFT or Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Intermediate	Series 1028 Enduratone (gloss) or 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Finish Coat	Series 1028 Enduratone (gloss) or 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Total DFT	6.5 - 9.5 mils or 8.0 - 12.0 mils

Carefully review product data sheets, along with related application guides, at www.tnemec.com. Systems outlined in this guide are commonly used, however other system options are available depending on VOC regulations, application technique, aesthetics, and performance requirements. Review the coating system with a Tnemec Representative prior to final selection.

Environmental Projects: Listed products comply with LEED v4.0 Low Emitting Materials, Collaborative for High Performance Schools - EQ Credit 7.0 Paints & Coatings, and Well Building Standard v1 - 04 VOC Reduction. For shop and exterior applications, other Tnemec coatings may be utilized depending on project requirements. Please contact your Tnemec representative, refer to the product data sheets or visit www.tnemec.com for more information.

INTERIOR STEEL (CONTINUED)

WET AND/OR MODERATE EXPOSURE

System Type	Inorganic Water-Based Epoxy / Inorganic Water-Based Epoxy
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Total DFT	8.0 - 12.0 mils

WET, MODERATE EXPOSURE, COLOR STABLE

System Type	Inorganic Water-Based Epoxy / Polyurethane
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Intermediate	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 1080 (gloss) Endura-Shield or 1081 Endura-Shield (semi-gloss) at 2.0 - 3.0 mils DFT
Total DFT	10.0 - 15.0 mils

NATATORIUM, STRUCTURAL STEEL & BAR JOISTS

System Type	Zinc-Rich Urethane / Acrylic
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 94-H ₂ O Hydro-Zinc at 2.5 - 3.5 mils DFT
Intermediate	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT
Finish Coat	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT
Total DFT	6.5 - 11.5 mils

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INTERIOR STEEL (CONTINUED)

NATATORIUM, STRUCTURAL STEEL & BAR JOISTS (CONTINUED)

LBC RED LIST FREE SYSTEM

System Type	Acrylic / Acrylic
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT
Finish Coat	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT
Total DFT	4.0 - 8.0 mils

For more information on the Living Building Challenge (LBC) Red List, visit <https://living-future.org/>.

EXTERIOR STEEL

MILD ATMOSPHERIC

System Type	Zinc-Rich Urethane / Acrylic / Acrylic
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 94-H ₂ O Hydro-Zinc at 2.5 - 3.5 mils DFT
Intermediate	Series 1028 Enduratone (gloss) or 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Finish Coat	Series 1028 Enduratone (gloss) or 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Total DFT	6.5 - 9.5 mils

MODERATE TO AGGRESSIVE CORROSION

LBC RED LIST FREE SYSTEM

System Type	MIO-Zinc / Urethane
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 394 PerimePrime ¹ at 2.5 - 3.5 mils DFT
Finish Coat	Series 740 or 750 UVX or Series 1094 Endura-Shield (gloss), Series 1095 Endura-Shield (semi-gloss) or Series 1096 Endura-Shield (satin) at 2.0 - 3.0 mils DFT
Total DFT	4.5 - 6.5 mils

¹Series 394 contains less than 100 ppm of one Red List ingredient.

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EXTERIOR STEEL (CONTINUED)

MODERATE TO AGGRESSIVE CORROSION, EXTENDED UV PROTECTION

System Type	Zinc-Rich Urethane / Inorganic Water-Based Epoxy / Fluoropolymer
Surface Preparation	SSPC-SP10 / NACE 2
Primer	94-H ₂ O Hydro-Zinc at 2.5 - 3.5 mils DFT
Intermediate	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 1070V (gloss), 1071V (semi-gloss) Fluoronar at 2.0 - 3.0 mils DFT
Total DFT	8.5 - 12.5 mils

INTERIOR & EXTERIOR STEEL

FLUID-APPLIED THERMAL BREAK - CONDENSATION CONTROL

System Type	Zinc-Rich MCU / Acrylic / Acrylic
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 94-H ₂ O Hydro-Zinc at 2.5 - 3.5 mils DFT
Intermediate	Series 971 Aerolon Acrylic at 40.0 - 50.0 mils per coat DFT. Two coats required.
Finish Coat (optional)	Series 1028 Enduratone at 2.0 - 3.0 mils DFT
Total DFT	82.5 - 103.5 or 84.5 - 106.5 mils

FLUID-APPLIED THERMAL BREAK - CONDENSATION CONTROL

System Type	Zinc-Rich MCU / Acrylic / Acrylic
Surface Preparation	SSPC-SP6 / NACE 3
Primer	Series 394-0250 PerimePrime at 2.5 - 3.5 mils per coat DFT
Intermediate	Series 971 Aerolon Acrylic at 40.0 - 50.0 mils per coat DFT. Two coats required.
Finish Coat (Optional)	Series 1028 Enduratone at 2.0 - 3.0 mils DFT
Total DFT	102.5 - 103.5 or 104.5 - 106.5 mils

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CONCRETE & MASONRY - INTERIOR

MILD TO MODERATE

System Type	Inorganic Water-Based Epoxy / Inorganic Water-Based Epoxy
Surface Preparation	SSPC-SP13 / NACE 6, Clean and Dry
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Total DFT	8.0 - 12.0 mils

MILD TO MODERATE

LBC RED LIST FREE SYSTEM

System Type	Acrylic / Acrylic / Acrylic
Surface Preparation	SSPC-SP13 / NACE 6, Clean and Dry
Block Filler (Optional)	Series 1254 EpoxoBlock WB or Series 54 Masonry Filler ¹ at 100 - 150 ft ² /gallon
Primer	Series 1026 Enduratone at 2.0 - 3.0 mils DFT
Intermediate	Series 1026 Enduratone at 2.0 - 3.0 mils DFT
Finish Coat (Optional)	Series 1026 Enduratone at 2.0 - 3.0 mils DFT
Total DFT	4.0 - 6.0 mils or 6.0 - 9.0 mils over block filler

¹Series 54 Masonry Filler must be used to qualify as LBC Red List Free System
For more information on the Living Building Challenge (LBC) Red List, visit <https://living-future.org/>.

MODERATE TO SEVERE CONDITIONS, PHYSICAL CONTACT AND/OR ABUSE, PUBLIC AREAS OR PREPARATION AREAS FREQUENTLY CLEANED OR WET

System Type	Epoxy / Urethane
Surface Preparation	SSPC-SP13 / NACE 6
Block Filler (Porous CMU)	Series 1254 EpoxoBlock WB or Series 54 Masonry Filler ¹ at 75 - 100 ft ² /gallon
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 1080 Endura-Shield (gloss) or 1081 Endura-Shield (semi-gloss) at 2.0 - 3.0 mils DFT
Total DFT	6.0 - 9.0 mils over block filler

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CONCRETE & MASONRY - INTERIOR (CONTINUED)

PARKING GARAGE CEILINGS & WALLS

LBC RED LIST FREE SYSTEM

System Type	Water-Based Epoxy / Modified Waterborne Acrylate
Surface Preparation	SSPC-SP13 / NACE 6
Block Filler	Series 1254 EpoxoBlock WB or Series 54 Masonry Filler ¹ at 75 - 100 ft ² /gallons
Primer	Series 156 Enviro-Crete (smooth/matte) at 4.0 - 8.0 mils DFT
Finish Coat	Series 156 Enviro-Crete (smooth/matte) at 4.0 - 8.0 mils DFT
Total DFT	8.0 - 16.0 mils over block filler

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CONCRETE & MASONRY - EXTERIOR

MILD TO MODERATE

LBC RED LIST FREE SYSTEM

System Type	Acrylic / Acrylic / Acrylic
Surface Preparation	SSPC-SP13 / NACE 6, Clean and Dry
Block Filler (Optional)	Series 1254 EpoxoBlock WB or Series 54 Masonry Filler ¹ at 100 - 150 ft ² /gallon
Primer	Series 1026 Enduratone at 2.0 - 3.0 mils DFT
Intermediate	Series 1026 Enduratone at 2.0 - 3.0 mils DFT
Finish Coat (Optional)	Series 1026 Enduratone at 2.0 - 3.0 mils DFT
Total DFT	4.0 - 6.0 mils or 6.0 - 9.0 mils over block filler

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CONCRETE & MASONRY - EXTERIOR (CONTINUED)

MILD TO SEVERE

LBC RED LIST FREE SYSTEM

System Type	Inorganic Water-Based Epoxy / Water-Based Modified Acrylate
Surface Preparation	SSPC-SP13 / NACE 6, Clean and Dry
Block Filler	Series 1254 EpoxoBlock WB or Series 54 Masonry Filler ¹ at 75 - 100 ft ² /gallon
Primer	Series 156 Enviro-Crete (smooth/matte) at 4.0 - 8.0 mils DFT
Finish Coat	Series 156 Enviro-Crete (smooth/matte) at 4.0 - 8.0 mils DFT
Total DFT	8.0 - 16.0 mils

¹Series 54 Masonry Filler must be used to qualify as LBC Red List Free System
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STUCCO

MILD TO MODERATE

System Type	Inorganic Water-Based Epoxy / Acrylic
Surface Preparation	SSPC-SP13 / NACE 6, Clean and Dry
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 1028 Enduratone (gloss) or 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Total DFT	6.0 - 9.0 mils

MODERATE TO SEVERE

LBC RED LIST FREE SYSTEM

System Type	Epoxy / Acrylate / Acrylate
Surface Preparation	SSPC-SP6 / NACE 3, Clean and Dry
Primer	Series 1254 EpoxoBlock WB or Series 54 Masonry Filler ¹ at 75 - 100 ft ² /gallon
Intermediate	Series 156 Enviro-Crete (smooth/matte) at 4.0 - 8.0 mils DFT
Finish Coat	Series 156 Enviro-Crete (smooth/matte) at 4.0 - 8.0 mils DFT
Total DFT	8.0 - 16.0 mils

¹Series 54 Masonry Filler must be used to qualify as LBC Red List Free System
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ENVIRONMENTAL APPLICATIONS: SELECTION GUIDE FOR COATINGS

GALVANIZED STEEL - INTERIOR

OVERHEAD DECK, DUCTWORK, CONDUIT, DRY

System Type	Acrylic / Acrylic
Surface Preparation	Contact Tnemec for recommendations ¹
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT
Finish Coat	Series 1028 Enduratone (gloss) or 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Total DFT	6.0 - 9.0 mils

¹Galvanized Steel and Nonferrous Metal: Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services for information. Reference Technical Bulletin 10-78, SSPC-SP16.

GALVANIZED STEEL - INTERIOR & EXTERIOR

DRY/BENIGN ENVIRONMENTS

LBC RED LIST FREE SYSTEM

System Type	Acrylic / Acrylic
Surface Preparation	Contact Tnemec for recommendations ¹
Primer	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT
Finish Coat	Series 115 at 2.0 - 4.0 mils DFT
Total DFT	4.0 - 8.0 mils

¹Galvanized Steel and Nonferrous Metal: Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services for information. Reference Technical Bulletin 10-78, SSPC-SP16.

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MILD TO MODERATE ENVIRONMENTS - DRY

System Type	Acrylic / Acrylic
Surface Preparation	Contact Tnemec for recommendations ¹
Primer	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT ¹
Finish Coat	Series 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT ¹
Total DFT	4.0 - 7.0 mils

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GALVANIZED STEEL - INTERIOR & EXTERIOR (CONTINUED)

MODERATE CONDITIONS AND/OR UV EXPOSURE

System Type	Inorganic Water-Based Epoxy / Polyurethane or Acrylic / Polyurethane
Surface Preparation	Contact Tnemec for recommendations ¹
Primer	Series 27WB Typoxy at 4.0 - 6.0 mils DFT ¹
Finish Coat	Series 1080 (gloss) or 1081 (semi-gloss) Endura-Shield WB at 2.0 - 3.0 mils DFT
Total DFT	5.0 - 9.0 mils

¹Galvanized Steel and Nonferrous Metal: Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services for information. Reference Technical Bulletin 10-78, SSPC-SP16.

GYPSUM BOARD - INTERIOR

DRY TO MODERATE - SCRUBBABLE

System Type	Waterborne Epoxy / Polyurethane
Surface Preparation	Clean and Dry
Primer	Series 287 Enviro-Pox at 2.0 - 3.0 mils DFT
Intermediate (Optional)	Series 287 Enviro-Pox at 2.0 - 3.0 mils DFT
Finish Coat	Series 297 Enviro-Glaze at 2.0 - 3.0 mils DFT
Total DFT	4.0 - 6.0 mils or 6.0 - 9.0 mils

WOOD

INTERIOR OR EXTERIOR EXPOSED

System Type	Waterborne Epoxy / Acrylic or Acrylate
Surface Preparation	Clean and Dry
Primer (Optional)	Series 151-1051 Elasto-Grip FC at 1.0 - 2.0 mils DFT
Topcoat	Series 1029 Enduratone (semi-gloss) at 2.0 - 3.0 mils DFT
Finish Coat	Series 1029 Enduratone (semi-gloss) at DFT 2.0 - 3.0 mils DFT
Total DFT	4.0 - 6.5 mils or 3.0 - 5.0 mils

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CONCRETE - INTERIOR FLOORS

MILD TO MODERATE ABUSE

System Type	Waterborne Epoxy / Waterborne Polyurethane
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 3-4
Primer	Series 287 Enviro-Pox at 3.0 - 4.0 mils DFT
Intermediate (Optional)	Series 287 Enviro-pox at 3.0 - 4.0 mils DFT
Finish Coat	Series 297 Enviro-Glaze at 2.0 - 3.0 mils DFT
Total DFT	4.0 - 6.0 or 6.0 - 9.0 mils

MODERATE ABUSE

LBC RED LIST FREE SYSTEM

System Type	Thin-Film, Modified Polyaspartic
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 3
Primer	Series 256 Excellathane (pigmented) at 6.0 - 12.0 mils DFT
Finish Coat	Series 256 Excellathane (pigmented) at 8.0 - 16.0 mils DFT
Total DFT	14.0 - 28.0 mils

For more information on the Living Building Challenge (LBC) Red List, visit <https://living-future.org/>.

MODERATE ABUSE - DECORATE TOPPING

LBC RED LIST FREE SYSTEM

System Type	Color Quartz-filled, Modified Polyaspartic
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 3-4
Primer (Optional)	Series 256 Excellathane (pigmented) at 6.0 - 12.0 mils DFT
Intermediate	Series 256 Excellathane ¹ (double broadcast or slurry/broadcast) at 1/8 inch DFT
Grout Coat (Optional)	Series 256 Excellathane (clear) at 8.0 - 16.0 mils DFT
Finish Coat	Series 256 Excellathane (clear) at 8.0 16.0 mils DFT
Total DFT	Nominal 1/8 inch system

¹Slurry/broadcast applications require a primer. (Standard double broad-cast application is self-priming). For more information on the Living Building Challenge (LBC) Red List, visit <https://living-future.org/>.

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CONCRETE - INTERIOR FLOORS (CONTINUED)

MODERATE ABUSE - DECORATIVE TOPPING

LBC RED LIST FREE SYSTEM

System Type	Color Flake-Filled, Modified Polyaspartic
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 3-4
Primer	Series 256 Excellathane (pigmented) at 6.0 - 12.0 mils DFT
Intermediate	Series 256 Excellathane (broadcast flake randomly or to refusal) at 6.0 - 12.0 mils DFT ¹
Grout Coat (Optional)	Series 256 Excellathane (clear) at 8.0 - 16.0 mils DFT
Finish Coat	Series 256 Excellathane (clear) at 8.0 - 16.0 mils DFT
Total DFT	22.0 - 40.0 mils or 28.0 - 56.0 mils

¹Slurry/broadcast applications require a primer. (Standard double broad-cast application is self-priming). For more information on the Living Building Challenge (LBC) Red List, visit <https://living-future.org/>.

MODERATE TO HEAVY ABUSE - LAMINATES

System Type	Polyurethane Modified Concrete / Modified Polyaspartic - High MVT
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 4 or greater
Primer	Series 241 Ultra-Tread MVT (broadcast to refusal) at 70-80 ft ² /Kit
Intermediate	Series 233 Power-Tread LE ¹ (broadcast to refusal) at 80 ft ² /gallon
Grout Coat (one or two coats)	Series 256 Excellathane at 80 - 160 ft ² /gallon
Total DFT	Nominal 3/16 inch System

¹Slurry/broadcast applications require a primer. (Standard double broad-cast application is self-priming).

MODERATE TO HEAVY ABUSE - LAMINATES

System Type	Polyurethane Modified Concrete / Modified Polyaspartic - High MVT
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 4 or greater
Primer	Series 241 Ultra-Tread MVT (broadcast to refusal) at 70 - 80 ft ² /Kit
Intermediate	Series 233 Power-Tread LE ¹ (broadcast to refusal) at 80 ft ² /gallon
Finish Coat (one or two coats)	Series 247 or 248 EverThane at 2.0 - 3.0 mils DFT
Total DFT	Nominal 3/16 inch System

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CONCRETE - INTERIOR FLOORS (CONTINUED)

MODERATE TO HEAVY ABUSE - LAMINATES

System Type	Polyurethane Modified Concrete / Modified Polyaspartic
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 5
Primer	Series 245 Ultra-Tread S (broadcast to refusal) at a nominal 3/16 inch
Grout/Finish Coat (one or two coats)	Series 256 Excellathane at 100 - 200 ft ² /gallon
Total DFT	Nominal 1/4 inch System

MODERATE TO HEAVY ABUSE - LAMINATES

System Type	Epoxy / Epoxy / Epoxy
Surface Preparation	Shot Blast or Mechanically Abrade - ICRI CSP 3 or greater
Primer	Series 233 Power-Tread LE at 160 - 200 ft ² /gallon
Intermediate	Series 233 Power-Tread LE ¹ (double broadcast to refusal) at 80 ft ² /gallon
Grout/Finish Coat (One or Two coats)	Series 233 Power-Tread LE at 130 - 160 ft ² /gallon
Total DFT	Nominal 1/8 inch System

¹Slurry/broadcast applications require a primer. (Standard double broad-cast application is self-priming).

OVERCOAT SYSTEM

EXTERIOR EXPOSED

System Type	Acrylic / Acrylic (Dry-Fall Spray Application)
Surface Preparation	Contact Tnemec for recommendation ¹
Primer	Series 115 Uni-Bond DF at 2.0 - 4.0 mils DFT
Finish Coat	Series 1028 or 1029 Enduratone at 2.0 - 3.0 mils DFT
Total DFT	4.0 - 7.0 mils

¹System recommendations will vary depending on the generic type and condition of the existing system. Please contact your Tnemec representative for overcoat risk assessment and specific recommendations. Reference SSPC-TU3 or the latest edition of Tnemec Technical Bulletin 98-10.

Carefully review product data sheets, along with related application guides, at www.tnemec.com. Systems outlined in this guide are commonly used, however other system options are available depending on VOC regulations, application technique, aesthetics, and performance requirements. Review the coating system with a Tnemec Representative prior to final selection.

Environmental Projects: Listed products comply with LEED v4.0 Low Emitting Materials, Collaborative for High Performance Schools - EQ Credit 7.0 Paints & Coatings, and Well Building Standard v1 - 04 VOC Reduction. For shop and exterior applications, other Tnemec coatings may be utilized depending on project requirements. Please contact your Tnemec representative, refer to the product data sheets or visit www.tnemec.com for more information.

TNEMEC COATINGS SELECTION GUIDE

SERIES 27WB TYPOXY®

Inorganic Water-Based Epoxy

A versatile low-temperature coating ideally suited for steel fabrication and OEM application. Also widely used as a field tie-coat. Provides fast curing and rapid handling capabilities.

SERIES 54 MASONRY FILLER®

Vinyl Acrylic Latex Block Filler

Single component coating for filling surface voids in porous concrete and masonry block on interior, dry, above-grade masonry surface.

SERIES 94-H2O HYDRO-ZINC®

Aromatic Urethane, Zinc-Rich

Single-component, moisture-cured, zinc-rich steel primer for interior and exterior steel substrates. It cures quickly and offers rapid recoat at surface temperatures down to 35°F (2°C).

SERIES 115 UNI-BOND DF

Self-crosslinking Hydrophobic Acrylic

High-performance, versatile coating appropriate for a variety of uses including exterior steel, humid environments and dry interior environments. Waterborne and rust-inhibitive with excellent adhesion to organic zinc-rich coatings.

SERIES 151-1051 ELASTO-GRIP® FC

Waterborne Modified Polyamine Epoxy

Penetrating, flexible and low-odor primer for sealing cementitious and other porous substrates. Also excellent as a tie-coat for specialized finishes over sound existing coatings.

SERIES 156 ENVIRO-CRETE®

Waterborne Acrylate Elastomeric Coatings

Water-based coatings provide excellent protection against driving rain, UV light and alternate freeze-thaw cycles. Inherent flexibility allows these coatings to expand and contract with minor substrate movement. Self-priming and available in smooth, textured and extra textured finishes in a variety of colors.

SERIES 233 POWER-TREAD LE

Modified Polyamine Epoxy

A lower viscosity, high-solids, multi-purpose epoxy that can be used as a primer, broadcast, slurry/broadcast, mortar, grout coat, and topcoat. Especially useful when penetration is needed to sufficiently anchor epoxy flooring systems over lightly profiled concrete surfaces.

SERIES 241 ULTRA-TREAD® MVT

Polyurethane Modified Concrete

A high performance moisture control system designed to reduce moisture vapor emissions prior to the application of non-breathing, polymer floor topping finishes. Ultra-Tread MVT is a low odor, self-priming, base coat that can be applied to 10 day old concrete.

SERIES 245 ULTRA-TREAD® S

Polyurethane Modified Concrete

Ultra-Tread S is a low odor, slurry applied floor topping designed for monolithic applications in abusive service areas. It provides superior performance to other flooring systems such as acid brick, quarry tile and most polymer flooring systems.

SERIES 247 EVERTHANE

Aliphatic Moisture Cured Urethane

Extremely hard, chemical-resistant urethane floor coating with superb flow characteristics. Excellent resistance to abrasion, wet conditions, corrosive fumes and chemical contact. Low odor characteristics allows for use near occupied space.

SERIES 248 EVERTHANE

Aliphatic Moisture Cured Urethane

Extremely hard, chemical-resistant urethane floor coating with superb wear characteristics. Excellent resistance to abrasion, wet conditions, corrosive fumes and chemical contact. Low odor characteristics allows for use near occupied space.

SERIES 256 EXCELLATHANE

Modified Aliphatic Polyaspartic

A fast curing, multi-purpose and finish coat resin with low temperature cure capability. Provides protection against impact, abrasion and mild chemicals, has excellent gloss and color retention, and resistance to yellowing.

SERIES 287 ENVIRO-POX®

Waterborne Epoxy-Amine Adduct

Low odor, rapid cure, wear-resistant floor coating capable of withstanding frequent spillage of water, oil and grease, and mild to moderate chemical and solvent exposures, as well as repeated cleaning.

SERIES 297 ENVIRO-GLAZE®

Waterborne Aliphatic Polyurethane

Low odor, fast dry, low VOC, waterborne polyurethane coating for interior wall and floor applications. Provides enhanced abrasion resistance and color stability.

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TNEMEC COATINGS SELECTION GUIDE

SERIES 394 PERIMEPRIME

Aromatic Polyurethane, Mio-Zinc Filled Primer

One-component, moisture-cured, micaceous iron oxide and zinc filled primer that offers superior bonding to marginally prepared rusty steel and tightly adhered old coatings. This high performance primer is ideal for corrosion resistance with a triple barrier mechanism of zinc, mio and urethane resin built into the dry film

SERIES 740 & 750 UVV

Modified Polycarbamide

An advanced technology finish coat combining low VOC with exceptional performance. Offers superior color and gloss retention compared to traditional polyurethanes for long-term aesthetics on a wide range of exterior structures. Durable film stands up to abrasion and exterior weathering.

SERIES 971 AEROLON® ACRYLIC

Fluid-applied acrylic insulation coating

An innovative, fluid-applied, thermal insulating coating utilizing aerogel particles that imparts exceptional properties to a variety of substrates.

SERIES 1026 ENDURATONE®

Acrylic Emulsion

A durable, easy-to-use, water-based acrylic coating that offers long-wearing protection to a variety of substrates. Excellent as a topcoat or intermediate-coat on anti-corrosive steel coating systems or when applied to concrete and drywall.

SERIES 1028 & 1029 ENDURATONE®

HDP Acrylic Polymer

Water-based, low VOC, high dispersion pure acrylic polymer coatings providing excellent long term protection in both interior and exterior exposures. May be applied by spray, brush or roller over a variety of solvent and waterborne steel primers. Mildew-resistant and exhibits very good gloss and color stability.

SERIES 1070V/1071V FLUORONAR®

Advanced Thermoset Solution Fluoropolymer

Low VOC fluoropolymer coatings that provide an ultra-durable finish with user friendly brush, roll and convention spray application. Outstanding color and gloss retention even in the most severe exposures.

SERIES 1080 & 1081 ENDURA-SHIELD®

Waterborne Acrylic Polyurethane

Provide color and gloss retention for exterior applications to steel, concrete and other miscellaneous substrates. Feature low VOC content, low odor, high gloss finish and easy cleanup.

SERIES 1254 EPOXOBLOCK WB®

Inorganic Hybrid Water-Based Epoxy

An advanced generation, low VOC epoxy coating for filling surface voids in porous concrete and masonry block in interior and exterior environments. Provides high bond strength, fast curing, and rapid overcoating capabilities.

SERIES 1094, 1095 & 1096 ENDURA-SHIELD®

Aliphatic Acrylic Polyurethane

A user friendly, low VOC, aliphatic polyurethane coating that provides excellent color and gloss retention for exterior applications to steel, concrete and other miscellaneous substrates.

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