

S Y S T E M S G U I D E
TO HIGH PERFORMANCE COATINGS FOR
P O T A B L E W A T E R
S T O R A G E T A N K S



Everything
Else Is Just
Paint.™

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Exposure/Substrate

INTERIOR STEEL - POTABLE WATER TANK

Interior Wet

AWWA D102-03 Paint System: ICS-5
 System Type: Zinc/Epoxy/Epoxy
 Surface Preparation: SSPC-SP10/NACE 2

Primer: Series 91-H₂O or 94-H₂O Hydro-Zinc, DFT 2.5 to 3.5 mils ^[1]
 Intermediate: Series N140 Pota-Pox Plus, DFT 4.0 to 6.0 mils ^[1] [4] [15]
 Finish Coat: Series N140 Pota-Pox Plus, DFT 4.0 to 6.0 mils ^[1] [4] [15]
 Total DFT: 10.5 to 15.5 mils

Interior Wet

AWWA D102-03 Paint System: ICS-1
 System Type: Epoxy/Epoxy
 Surface Preparation: SSPC-SP10/NACE 2

Primer: Series N140 Pota-Pox Plus, DFT 3.0 to 5.0 mils ^[1] [2] [15]
 Finish: Series N140 Pota-Pox Plus, DFT 4.0 to 8.0 mils ^[1] [4] [15]
 Total DFT: 7.0 to 13.0 mils

Interior Wet

AWWA D102-03 Paint System: ICS-2
 System Type: Epoxy/Epoxy/Epoxy
 Surface Preparation: SSPC-SP10/NACE 2

Primer: Series N140 Pota-Pox Plus, DFT 3.0 to 5.0 mils ^[1] [2]
 Intermediate: Series N140 Pota-Pox Plus, DFT 3.0 to 5.0 mils ^[1] [4]
 Finish: Series N140 Pota-Pox Plus, DFT 4.0 to 6.0 mils ^[1] [4]
 Total DFT: 10.0 to 16.0 mils

Interior Dry

System Type: Zinc/Epoxy
 Surface Preparation: SSPC-SP 6/NACE 3

Primer: Series 91-H₂O Hydro-Zinc, Series 94-H₂O Hydro-Zinc or Series 90-97 Tnemec-Zinc, DFT 2.5 to 3.5 mils ^[1]
 Finish: Series N69 Hi-Build Epoxoline II, DFT 4.0 to 6.0 mils ^[1] [4] [9]
 Total DFT: 6.5 to 9.5 with zinc primer

Interior Dry

System Type: Epoxy/Epoxy
 Surface Preparation: SSPC-SP6/NACE 3

Primer: Series N140 Pota-Pox Plus, DFT 3.0 to 5.0 mils ^[1] [15]
 Finish: Series N140 Pota-Pox Plus, DFT 4.0 to 8.0 mils ^[1] [4] [15]
 Total DFT: 7.0 to 13.0 mils

EXTERIOR STEEL - POTABLE WATER TANK

Exterior

AWWA D102-03 Paint System: OCS-6
 System Type: Zinc/Epoxy/Polyurethane
 Surface Preparation: SSPC-SP6/NACE 3

Primer: Series 91-H₂O Hydro-Zinc, Series 94-H₂O Hydro-Zinc or Series 90-97 Tnemec-Zinc, DFT 2.5 to 3.5 mils ^[1]
 Intermediate: Series N69 Hi-Build Epoxoline II, DFT 2.0 to 3.0 mils ^[1] [7] [9]
 Finish: Series 73, 1074 or 1075 Endura-Shield, DFT 2.0 to 3.0 mils ^[1] [5]
 Total DFT: 6.5 to 9.5 mils

NOTES:

Most products listed contain organic solvents. Tnemec manufactures products that comply with lower VOC restrictions. Please contact your Tnemec representative listed at www.Tnemec.com for specific product recommendations for compliance to local VOC regulations.

See back page for brief description of most listed products. See the product data sheet for details.



All interior wet systems listed are certified in accordance with ANSI/NSF Standard 61 for use inside potable water storage tanks. Additional colors are available.



¹ Faster cure/low temperature cure alternative is available. Consult the product data sheet for information.

Series N140	Series N140F
Series N69	Add 44-700 Accelerator
Series 73, 1074, 1075	Add 44-710 Accelerator
Series 90-97, 91-H ₂ O, 94-H ₂ O	Add 44-710 Accelerator
Series 700, 701, 1070, 1071, 1072	Add 44-710 Accelerator

² Scarify the prime coat by brush-off blasting before topcoating if the primer has been exposed to sunlight for 60 days or longer.

³ System recommendation will vary depending on the generic type and condition of the existing system. Overcoat of aged coatings requires testing before application. Consult Tnemec for an overcoat risk assessment and specific recommendations. Request Tnemec Technical Bulletin 98-10 R2 or reference SSPC-TU3.

⁴ Brush or roller application may require additional coat(s) to achieve recommended film thickness and/or complete hiding.

⁵ For additional protection and extension of long-term weathering qualities, specify Series 1074U (glass) or 1075U (semi-glass).

⁶ Actual film thickness and/or spreading rate will depend on the porosity of the substrate.

⁷ To achieve complete finish coat coverage, the primer or intermediate coat color should be noticeably different than the finish coat color. A color slightly lighter than the finish coat is recommended.

⁸ Large voids and surface imperfections should then be filled with 63-1500 Filler and Surfacer or Series 218 MortarClad prior to application of the prime coat.

⁹ Series L69 or V69 may be substituted when lower VOC or HAPS levels are desired.

¹⁰ For superior water repellency in addition to color, use Series 636 or 664 prior to applying Series 607 or 617.

¹¹ Reference SSPC-SP13/NACE 6 and ICRI Guideline No. 03732.

¹² Galvanized 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 98-09 R2, ASTM D 6386.

¹³ Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services. Reference Technical Bulletin 98-15.

¹⁴ The appropriate Tnemec system may vary depending on type of chemical, concentration, and exposure temperatures. Refer to Tnemec "Chemical Resistance Guide" or consult Tnemec for specific recommendations.

¹⁵ Series L140 or V140 may be substituted when lower VOC or HAPS levels are desired.

Film thickness for coatings applied to concrete and CMU is calculated from the sq. ft./gal. figures. There is no method for accurately measuring the film thickness of coatings applied over a rough masonry substrate.

Additional coating systems are available. Contact your Tnemec representative and refer to Tnemec product data sheets or www.tnemec.com for more information.

Exposure/Substrate

EXTERIOR STEEL - POTABLE WATER TANK (continued)

Exterior

AWWA D102-03 Paint System: OCS-5
 System Type: Epoxy/Epoxy/Polyurethane
 Surface Preparation: SSPC-SP6/NACE 3
 Primer: Series N69 Hi-Build Epoxoline II, DFT 2.0 to 3.0 mils field primed, DFT 3.0 to 5.0 mils shop primed ^{[1][9]}
 Intermediate: Series N69 Hi-Build Epoxoline II, DFT 2.0 to 3.0 mils ^{[1][9]}
 Finish Coat: Series 73, 1074 or 1075 Endura-Shield, DFT 2.0 to 3.0 mils ^{[1][5]}
 Total DFT: 6.0 to 11.0 mils

Exterior

AWWA D102-03 Paint System: OCS-4
 System Type: Zinc/Polyurethane/Fluoropolymer
 Surface Preparation: SSPC-SP6/NACE 3
 Primer: Series 91-H₂O, 94-H₂O Hydro-Zinc or Series 90-97 Tneme-Zinc, DFT 2.5 to 3.5 mils ^[1]
 Intermediate Coat: Series 73 or 1075 Endura-Shield, DFT 2.0 to 3.0 mils ^{[1][7]}
 Finish Coat: Series 700 or Series 701 HydroFlon, DFT 2.0 to 3.0 mils ^[1]
 Total DFT: 6.5 to 9.5 mils

Exterior

System Type: Dry Fall/Acrylic (Spray Application)
 Surface Preparation: SSPC-SP6/NACE 3
 Primer: Series 115 Uni-Bond or 30 Spra-Saf EN, DFT 2.0 to 4.0 mils
 Intermediate: Series 30 Spra-Saf EN, DFT 2.0 to 4.0 mils
 Finish: Series 30 Spra-Saf EN, DFT 2.0 to 4.0 mils
 Total DFT: 6.0 to 12.0 mils

Exterior

System Type: Zinc/Polyurethane
 Surface Preparation: SSPC-SP6/NACE 3
 Primer: Series 91-H₂O, 94-H₂O Hydro-Zinc or Series 90-97 Tneme-Zinc, DFT 2.5 to 3.5 mils ^[1]
 Intermediate: Series 73 or 1075 Endura-Shield, DFT 2.0 to 3.0 mils ^{[1][7]}
 Finish: Series 73 or 1075 Endura-Shield, DFT 2.0 to 3.0 mils ^[1]
 Total DFT: 6.5 to 9.5 mils

Exterior

System Type: Dry Fall Zinc/Acrylic
 Surface Preparation: SSPC-SP6/NACE 3
 Primer: Series 91-H₂O Hydro-Zinc or Series 90-97 Tneme-Zinc, DFT 2.5 to 3.5 mils ^[1]
 Intermediate: Series 1028 or 1029 Enduratone, DFT 2.0 to 3.0 mils
 Finish: Series 1028 or 1029 Enduratone, DFT 2.0 to 3.0 mils
 Total DFT: 6.5 to 9.5 mils

NOTES:

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See back page for brief description of most listed products. See the product data sheet for details.



All interior wet systems listed are certified in accordance with ANSI/NSF Standard 61 for use inside potable water storage tanks. Additional colors are available.



¹ Faster cure/low temperature cure alternative is available. Consult the product data sheet for information.

Series N140	Series N140F
Series N69	Add 44-700 Accelerator
Series 73, 1074, 1075	Add 44-710 Accelerator
Series 90-97, 91-H ₂ O, 94-H ₂ O	Add 44-710 Accelerator
Series 700, 701, 1070, 1071, 1072	Add 44-710 Accelerator

² Scarify the prime coat by brush-off blasting before topcoating if the primer has been exposed to sunlight for 60 days or longer.

³ System recommendation will vary depending on the generic type and condition of the existing system. Overcoat of aged coatings requires testing before application. Consult Tnemec for an overcoat risk assessment and specific recommendations. Request Tnemec Technical Bulletin 98-10 R2 or reference SSPC-TU3.

⁴ Brush or roller application may require additional coat(s) to achieve recommended film thickness and/or complete hiding.

⁵ For additional protection and extension of long-term weathering qualities, specify Series 1074U (glass) or 1075U (semi-glass).

⁶ Actual film thickness and/or spreading rate will depend on the porosity of the substrate.

⁷ To achieve complete finish coat coverage, the primer or intermediate coat color should be noticeably different than the finish coat color. A color slightly lighter than the finish coat is recommended.

⁸ Large voids and surface imperfections should then be filled with 63-1500 Filler and Surfacer or Series 218 MortarClad prior to application of the prime coat.

⁹ Series L69 or V69 may be substituted when lower VOC or HAPS levels are desired.

¹⁰ For superior water repellency in addition to color, use Series 636 or 664 prior to applying Series 607 or 617.

¹¹ Reference SSPC-SP13/NACE 6 and ICRI Guideline No. 03732.

¹² Galvanized 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 98-09 R2, ASTM D 6386.

¹³ Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services. Reference Technical Bulletin 98-15.

¹⁴ The appropriate Tnemec system may vary depending on type of chemical, concentration, and exposure temperatures. Refer to Tnemec "Chemical Resistance Guide" or consult Tnemec for specific recommendations.

¹⁵ Series L140 or V140 may be substituted when lower VOC or HAPS levels are desired.

Film thickness for coatings applied to concrete and CMU is calculated from the sq. ft./gal. figures. There is no method for accurately measuring the film thickness of coatings applied over a rough masonry substrate.

Additional coating systems are available. Contact your Tnemec representative and refer to Tnemec product data sheets or www.tnemec.com for more information.

Exposure/Substrate

EXTERIOR OVERCOAT SYSTEMS

Exterior

System Type: Acrylic (Spray Application)
 Surface Preparation: System recommendations will vary depending on the generic type and condition of existing system. Contact your Tnemec Representative for an overcoat risk assessment and specific recommendations.
 Primer: Series 115 Uni-Bond or 30 Spra-Saf EN, DFT 2.0 to 4.0 mils
 Finish: Series 30 Spra-Saf EN, DFT 2.0 to 4.0 mils
 Total DFT: 4.0 to 8.0 mils

Exterior

System Type: Acrylic (Spray Application)
 Surface Preparation: System recommendations will vary depending on the generic type and condition of existing system. Contact your Tnemec Representative for an overcoat risk assessment and specific recommendations.
 Primer: Series 115 Uni-Bond, DFT 2.0 to 4.0 mils
 Finish: Series 1028 or 1029 Enduratone, DFT 2.0 to 3.0 mils
 Total DFT: 4.0 to 7.0 mils

Exterior

System Type: Epoxy/Polyurethane
 Surface Preparation: System recommendations will vary depending on the generic type and condition of existing system. Contact your Tnemec Representative for an overcoat risk assessment and specific recommendations.
 Primer: Series 27 FC Typoxy, DFT 2.0 to 4.0 mils or Series 135 Chembuild, DFT 4.0 to 6.0 mils
 Finish: Series 73 Endura-Shield, Series 1074 Endura-Shield or Series 1075 Endura-Shield ^{[1][5]}, DFT 2.0 to 3.0 mils
 Total DFT: 4.0 to 7.0 mils or 6.0 to 9.0 mils

CONCRETE - POTABLE WATER TANK

Interior, Wet

System Type: Epoxy/Epoxy/Epoxy
 Surface Preparation: SSPC-SP13/NACE 6, ICRI CSP3-5. ^[11]
 Primer: Series N140 Pota-Pox Plus, DFT 3.0 to 5.0 mils ^{[1] [4] [6] [8] [15]} (150 to 225 sq ft/gal)
 Intermediate: Series N140 Pota-Pox Plus, DFT 4.0 to 6.0 mils ^{[1] [4] [15]} (150 to 225 sq ft/gal)
 Finish: Series N140 Pota-Pox Plus, DFT 4.0 to 6.0 mils ^{[1] [4] [15]} (150 to 225 sq ft/gal)
 Total DFT: 11.0 to 17.0 mils

Interior, Wet

System Type: Epoxy/Polyurethane
 Surface Preparation: SSPC-SP13/NACE 6, ICRI CSP4-6. ^[11]
 Primer: Series N140 Pota-Pox Plus, DFT 4.0 to 6.0 mils ^{[1] [4] [6] [8] [15]} (150 to 225 sq ft/gal)
 Finish: Series 264 Elasto-Shield, DFT 50.0 mils minimum
 Total DFT: 54.0 to 56.0 mils minimum. (80 mil max per NSF Std. 61 certification)

Interior, Wet

System Type: Epoxy/Epoxy
 Surface Preparation: SSPC-SP13/NACE 6, ICRI CSP3-5. ^[11]
 Primer: Series N140 Pota-Pox Plus, DFT 6.0 to 8.0 mils ^{[1] [4] [6] [8] [15]} (150 to 225 sq ft/gal)
 Finish: Series N140 Pota-Pox Plus, DFT 6.0 to 8.0 mils ^{[1] [4] [15]} (150 to 225 sq ft/gal)
 Total DFT: 12.0 to 16.0 mils

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See back page for brief description of most listed products. See the product data sheet for details.



All interior wet systems listed are certified in accordance with ANSI/NSF Standard 61 for use inside potable water storage tanks. Additional colors are available.

¹ Faster cure/low temperature cure alternative is available. Consult the product data sheet for information.

Series N140	Series N140F
Series N69	Add 44-700 Accelerator
Series 73, 1074, 1075	Add 44-710 Accelerator
Series 90-97, 91-H ₂ O, 94-H ₂ O	Add 44-710 Accelerator
Series 700, 701, 1070, 1071, 1072	Add 44-710 Accelerator

² Scarify the prime coat by brush-off blasting before topcoating if the primer has been exposed to sunlight for 60 days or longer.

³ System recommendation will vary depending on the generic type and condition of the existing system. Overcoat of aged coatings requires testing before application. Consult Tnemec for an overcoat risk assessment and specific recommendations. Request Tnemec Technical Bulletin 98-10 R2 or reference SSPC-TU3.

⁴ Brush or roller application may require additional coat(s) to achieve recommended film thickness and/or complete hiding.

⁵ For additional protection and extension of long-term weathering qualities, specify Series 1074U (glass) or 1075U (semi-glass).

⁶ Actual film thickness and/or spreading rate will depend on the porosity of the substrate.

⁷ To achieve complete finish coat coverage, the primer or intermediate coat color should be noticeably different than the finish coat color. A color slightly lighter than the finish coat is recommended.

⁸ Large voids and surface imperfections should then be filled with 63-1500 Filler and Surfacer or Series 218 MortarClad prior to application of the prime coat.

⁹ Series L69 or V69 may be substituted when lower VOC or HAPS levels are desired.

¹⁰ For superior water repellency in addition to color, use Series 636 or 664 prior to applying Series 607 or 617.

¹¹ Reference SSPC-SP13/NACE 6 and ICRI Guideline No. 03732.

¹² Galvanized 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 98-09 R2, ASTM D 6386.

¹³ Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services. Reference Technical Bulletin 98-15.

¹⁴ The appropriate Tnemec system may vary depending on type of chemical, concentration, and exposure temperatures. Refer to Tnemec "Chemical Resistance Guide" or consult Tnemec for specific recommendations.

¹⁵ Series L140 or V140 may be substituted when lower VOC or HAPS levels are desired.

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Additional coating systems are available. Contact your Tnemec representative and refer to Tnemec product data sheets or www.tnemec.com for more information.

Exposure/Substrate

CONCRETE - POTABLE WATER TANK (continued)

Exterior

System Type:	Acrylic/Acrylic
Surface Preparation:	SSPC-SP 13/NACE 6 ^[11]
Primer:	Series 180 W.B. Tnemec-Crete, DFT 4.0 to 8.0 mils
Finish:	Series 180 or Series 181 W.B. Tnemec-Crete, DFT 4.0 to 8.0 mils
Total DFT:	8.0 to 16.0 mils

Exterior

System Type:	Acrylate
Surface Preparation:	SSPC-SP 13/NACE 6 ^[11]
Primer:	Series 156 Enviro-Crete, DFT 4.0 to 8.0 mils
Finish:	Series 156 Enviro-Crete, DFT 4.0 to 8.0 mils or Series 157 Enviro-Crete, 6.0 to 9.0 mils
Total DFT:	8.0 to 16.0 mils or 10.0 to 17.0 mils

Exterior, Previously Painted ³

System Type:	Acrylic
Surface Preparation:	System recommendations will vary depending on the generic type and condition of existing system. Contact your Tnemec Representative for an overcoat risk assessment and specific recommendations.
Primer:	Series 180 or Series 181 W.B. Tnemec-Crete, DFT 4.0 to 8.0 mils
Finish:	Series 180 or Series 181 W.B. Tnemec-Crete, DFT 4.0 to 8.0 mils
Total DFT:	8.0 to 16.0 mils

Exterior, Previously Painted ³

System Type:	Acrylate
Surface Preparation:	System recommendations will vary depending on the generic type and condition of existing system. Contact your Tnemec Representative for an overcoat risk assessment and specific recommendations.
Primer:	Series 151 Elasto-Grip, DFT 0.6 to 2.5 mils
Intermediate:	Series 156 or 157 Enviro-Crete, DFT 4.0 to 6.0 mils
Finish:	Series 156 or 157 Enviro-Crete, DFT 4.0 to 6.0 mils
Total DFT:	8.6 to 14.5 mils

Exterior

System Type:	Silane/Silane/Siloxane Blend
Surface Preparation:	Clean and Dry
Finish:	Series 636 Dur A Pell 20 or Series 662 Prime A Pell Plus, DFT 125 to 200 sq ft/gal ^[6]
Total DFT:	125 to 200 sq ft/gal

Exterior

System Type:	Acrylic Stain
Surface Preparation:	Clean and Dry
Finish:	Series 607 or Series 617 Conformal Stain ^[10] , DFT 100 to 200 sq ft/gal ^[6]
Total DFT:	0.5 to 2.5 mils

Exterior for Graffiti Protection

System Type:	RTV Silicone
Surface Preparation:	Clean and Dry
Primer:	Series 626 Dur A Pell GS, DFT 125 to 150 sq ft/gal ^[6]
Finish:	Series 626 Dur A Pell GS, DFT 125 to 150 sq ft/gal ^[6]
Total DFT:	62.5 - 75 sq ft/gal

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¹ Faster cure/low temperature cure alternative is available. Consult the product data sheet for information.

Series N140	Series N140F
Series N69	Add 44-700 Accelerator
Series 73, 1074, 1075	Add 44-710 Accelerator
Series 90-97, 91-H ₂ O, 94-H ₂ O	Add 44-710 Accelerator
Series 700, 701, 1070, 1071, 1072	Add 44-710 Accelerator

² Scarify the prime coat by brush-off blasting before topcoating if the primer has been exposed to sunlight for 60 days or longer.

³ System recommendation will vary depending on the generic type and condition of the existing system. Overcoat of aged coatings requires testing before application. Consult Tnemec for an overcoat risk assessment and specific recommendations. Request Tnemec Technical Bulletin 98-10 R2 or reference SSPC-TU3.

⁴ Brush or roller application may require additional coat(s) to achieve recommended film thickness and/or complete hiding.

⁵ For additional protection and extension of long-term weathering qualities, specify Series 1074U (glass) or 1075U (semi-glass).

⁶ Actual film thickness and/or spreading rate will depend on the porosity of the substrate.

⁷ To achieve complete finish coat coverage, the primer or intermediate coat color should be noticeably different than the finish coat color. A color slightly lighter than the finish coat is recommended.

⁸ Large voids and surface imperfections should then be filled with 63-1500 Filler and Surfacer or Series 218 MortarClad prior to application of the prime coat.

⁹ Series L69 or V69 may be substituted when lower VOC or HAPS levels are desired.

¹⁰ For superior water repellency in addition to color, use Series 636 or 664 prior to applying Series 607 or 617.

¹¹ Reference SSPC-SP13/NACE 6 and ICRI Guideline No. 03732.

¹² Galvanized 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 98-09 R2, ASTM D 6386.

¹³ Surface preparation recommendations will vary depending on substrate and exposure conditions. Contact your Tnemec representative or Tnemec Technical Services. Reference Technical Bulletin 98-15.

¹⁴ The appropriate Tnemec system may vary depending on type of chemical, concentration, and exposure temperatures. Refer to Tnemec "Chemical Resistance Guide" or consult Tnemec for specific recommendations.

¹⁵ Series L140 or V140 may be substituted when lower VOC or HAPS levels are desired.

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POTABLE WATER STORAGE TANKS: SELECTION GUIDE FOR COATINGS

Series 27 Typoxy® EPOXY POLYAMIDE COATING

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 30 Spra-Saf EN® HYDROPHOBIC ACRYLIC POLYMER

A direct-to-metal coating with early flash-rust resistance, long term corrosion and weathering properties. Mildew resistant. Provides good gloss and color retention.

Series 35 SELF-CROSSLINKING HYDROPHOBIC ACRYLIC

A one component, self-crosslinking finish coat formulated for use on structural steel, tanks, towers, pipes and similar structures. Application methods include "dry-fall" under certain conditions.

Series 44 Accelerators EPOXY ACCELERATOR AND URETHANE ACCELERATOR

44-700 Epoxy Accelerator and 44-710 Urethane Accelerator are special additives used to quicken the cure rate of several Tnemec coatings plus allow application in cooler temperatures. Series N69 Hi-Build Epoxoline II can be accelerated with 44-700. 90-97 Tneme-Zinc and Series 73, 1074 and 1075 Endura-Shield can be accelerated with 44-710.

63-1500 Filler/Surfacers SOLVENTLESS CATALYZED EPOXY

Non-shrinking, trowel-grade filler and surfacer typically used to fill pits and voids and to seal seams, rivets and bolt heads. Outstanding resistance to abrasion, impact and water.

Series N69 Hi-Build Epoxoline II POLYAMIDOAMINE EPOXY COATING

High-solids epoxy with performance characteristics similar to Series 66 Hi-Build Epoxoline. Series N69 can be combined with 44-700 Epoxy Accelerator for rapid cure and cold temperature applications.

Series 73, 1074 & 1075 Endura-Shield® HIGH-BUILD ACRYLIC POLYURETHANE COATINGS

Long-lasting, durable exterior finishes available in a virtually unlimited color range. High-build characteristics allow for single-coat coverage at 5.0 dry mils when spray-applied. Also used as conventional roller/brush/spray-applied coatings at 2.0 - 3.0 mils dry. Specify 1074U and 1075U for additional protection from UV light.

Series 90-97 Tneme-Zinc ZINC-RICH URETHANE PRIMER

Organic zinc-rich primer that affords galvanic and barrier protection. Can be mixed with 44-710 Urethane Accelerator for low-temperature and rapid-cure requirements.

Series 91-H₂O Hydro-Zinc MOISTURE-CURED ZINC-RICH PRIMER

Two-component, steel primer for interior and exterior surfaces of potable water storage tanks and reservoirs. Certified in accordance with ANSI/NSF Std. 61 for potable water contact. May be topcoated same day with other Tnemec potable water coatings, when cured at temperatures down to 35°F (2°C).

Series 94-H₂O Tneme-Zinc AROMATIC URETHANE, ZINC-RICH

Single-component, moisture-cured, zinc-rich steel primer for interior and exterior surfaces of potable water storage tanks and other steel structures. Certified in accordance with ANSI/NSF Std. 61 for potable water contact. It cures quickly and offers rapid recoat at surface temperatures down to 35°F (2°C).

Series 115 Uni-Bond DF SELF-CROSSLINKING ACRYLIC

One-coat, flash-rust and corrosion resistant primer/finish for dry interior overheads. Use on carbon and galvanized steel, aluminum, wood and concrete decks, beams, joists and HVAC. Will dry-fall under certain conditions.

Series 135 Chembuild® MODIFIED POLYAMIDOAMINE EPOXY

Flexible, high-build coating for application to marginally cleaned rusty steel and tightly adhering aged coatings. Provides excellent abrasion, chemical and corrosion resistance.

Series N140 Pota-Pox® Plus HIGH SOLIDS EPOXY COATING

Optional high-build properties provide added barrier protection particularly on edges, weld seams and pits. When used with 44-700 Epoxy Accelerator, Series N140 can be applied to substrates with temperatures as low as 35°F.

Series 151 Elasto-Grip® WATERBORNE EPOXY PRIMER

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

Series 156 & 157 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 180 & 181 W.B. Tneme-Crete® ACRYLIC EMULSION COATINGS

High-build, water-based coatings provide long-term protection against weather, driving rain and alternate freeze-thawing. Available in smooth or textured finishes and a variety of colors.

Series 607 Conformal Stain METHYLMETHACRYLATE ACRYLIC

Penetrating, solvent based masonry stain for horizontal concrete and virtually all vertical, above-grade masonry substrates. Exhibits excellent color stability and is designed not to peel or flake when applied to a properly prepared substrate. Specify Series 617 for water-based masonry stain.

Series 626 Dur A Pell GS RTV SILICONE RUBBER

Provides a clear, non-sacrificial, penetrating barrier against graffiti, as well as water repellency on all uncoated masonry substrates. Formulated to provide superior protection against, and easy removal of, unwanted graffiti. This product is intended for use in conjunction with Series 680 Mark A Way to provide a complete Graffiti Protection System.

Series 636 Dur A Pell 20 SILANE/SILOXANE BLEND

A water-based, clear, filmless, penetrating water repellent for virtually all above-grade, vertical and horizontal masonry substrates. The solution penetrates the substrate and chemically reacts to create a powerful barrier against water penetration. This barrier is resistant to ultraviolet and weather deterioration.

Series 662 Prime-A-Pell® Plus MODIFIED SILOXANE/SILANE WITH DIFFUSED QUARTZ CARBIDE

Clear, filmless, penetrating repellent for virtually all above-grade vertical and horizontal masonry substrates. The solution penetrates the substrate and chemically reacts to create a powerful barrier against water penetration. This barrier is resistant to ultraviolet and weather deterioration. Resists water and chloride ion intrusion, stain damage, freeze/thaw spalling, efflorescence and rust damage.

Series 700 & 701 HydroFlon® FLUOROPOLYMER POLYURETHANE

An exterior finish coat especially designed for tanks and structural steel. HydroFlon has outstanding resistance to ultraviolet light degradation providing unprecedented long-term gloss and color retention with excellent resistance to abrasion and chalking.

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.



Certified in accordance with ANSI/NSF Std. 61 for potable water contact.

WARRANTY INFORMATION: The service life of Tnemec's coatings will vary. For warranty, limitation of sellers' liability, and product information, please refer to Tnemec's product data sheets or contact your Tnemec representative.

HEALTH AND SAFETY INFORMATION: For important health and safety information regarding the use of Tnemec's products, please read the container label warning and MSDS.

Published technical data and instructions are subject to change without notice. Contact your Tnemec representative for current technical data and instructions, or visit our website. 12/07



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