

# Tnemec Water Tank 100% SBV OTC VOC Compliant Coatings Schedule

## 1.0 NEW TANK CONSTRUCTION:

### Interior: AWWA ICS #5

Surface Preparation:	SSPC-SP-10 Blast Near-White
Shop Primer:	Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc @ 2.5-3.5 mils dry.
Field Erection:	Blast weld seams and prime with Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc
Stripe Coat:	Apply a stripe coat to all weld seams Tnemec Series V140 or V140F Pota-Pox Plus @ 3.0-4.0 mils dry.
Field Finish:	Apply ONE full finish coat of Tnemec Series FC22 Epoxoline (WH08-White) @ 25-30 mils dry.

### Exterior Base-Bid Option: AWWA OCS #6

Surface Preparation:	SSPC-SP-6 Commercial Blast
Shop Primer:	Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc @ 2.5-3.5 mils dry.
Field Erection:	Blast Weld Seams and Prime with Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc @ 2.5-3.5 mils dry.
Stripe Coat:	Apply a stripe coat to all weld seams Tnemec Series V140 or V140F Pota-Pox Plus @ 3.0-4.0 mils dry.
First Field Coat:	Tnemec Series 1095 Endura-Shield @ 2.5-3.5 mils dry.
Second Field Coat:	Tnemec Series V701 HydroFlon® (color) @ 2.0-3.0 mils dry.

## 1.1 FIELD REPAINT WORK- MAINTENANCE PAINTING

### Interior- Zinc, High-Build 100% Solids Epoxy System

Surface Preparation:	SSPC-SP-10 to Near-White Standard
First Coat:	Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc @ 2.5-4.0 mils dry.
Pit Filling:	Tnemec Series 215 Surfacing Epoxy, as required.
Stripe Coat:	Apply a stripe coat of Tnemec Series V140 or V140F Pota-Pox Plus at all weld seams 2.5-3.0 mils dry.
Finish Coat:	Apply ONE full finish coat of Tnemec Series FC22 Epoxoline, WH08-White or Series 22 Epoxoline, WH08-Off White @ 25-30 mils dry

Note: Tnemec Series FC22 Epoxoline requires approved plural component application equipment; contact your local Tnemec representative for details. Completed interior linings require "Holiday Detection" prior to immersion service. Also, 1 prime coat of Tnemec Series 94-H<sub>2</sub>O Hydro-Zinc and 2 coats of Tnemec Series V140 or V140F Pota-Pox Plus may be substituted for the undersides of roof plates when extensive support steel is present.

Exterior - Complete Removal of all Existing Coatings

Base Bid Option

Surface Preparation:	SSPC-SP-10 to Near-White Standard
First Coat:	Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc @ 2.5-3.5 mils dry.
Stripe Coat:	Apply a stripe coat to all weld seams Tnemec Series V140 or V140F Pota-Pox Plus @ 3.0-4.0 mils dry.
Second Coat:	Tnemec Series 1095 Endura-Shield (100 g/litre) @ 2.5-3.5 mils dry.
Third Coat:	Tnemec Series V701 HydroFlon® (color) @ 2.0-3.0 mils dry.

Bid Alternate Option

Surface Preparation:	SSPC-SP-10 to Near-White Standard
First Coat:	Tnemec Series 94-H <sub>2</sub> O Hydro-Zinc @ 2.5-3.5 mils dry.
Second Coat:	Tnemec Series V140 or V140F Pota-Pox Plus (32GR) @ 3.0-3.5 mils dry.
Third Coat:	Tnemec Series 1095 Endura-Shield (100 g/litre) @ 2.5-3.0 mils dry.
Fourth Coat:	Tnemec Series 1095 Endura-Shield (100 g/litre) @ 2.5-3.0 mils dry.
Overcoating System(s):	Tnemec offers several overcoat options; please call the Righter Group, Inc. (800) 533-3003, for more information.

**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/m<sup>2</sup>. 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](http://www.rightergroup.com)

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

Righter Group, Incorporated  
187 Ballardvale Street, Suite A190  
Wilmington, MA 01887  
Phone: (800) 533-3003 Fax: (800) 988-9824

February 2022