

Total dry film thickness of the new coating system shall be 7.5-10.5 dry mils.
Exterior primer coat color to be one shade lighter than the intermediate coat color.
The intermediate coat color to be one shade lighter than the finish coat color and shall match Tnemec Series 66. Finished color shall be Ice Water.

2. (Alternate Bid) System 2

Zinc Primer and Polyurethane Intermediate Coat and Fluoropolymer Finish
(Repaint Existing Tank)

Surface Preparation: SSPC-SP6 Commercial Blast Cleaning

1st Coat: Tnemec Series 90-97 Tneme-Zinc primer @ 2.5-3.5 dry mils.
Approved Thinners: 41-2 Thinner (spray below 80 degrees F.)
41-3 Thinner (spray above 80 degrees F.)
Or 41-3 Thinner (for brush or roll application)

2nd Coat: Tnemec Series 73 Endura-Shield @ 2.5-3.5 dry mils.
Approved Thinner: 41-42 Thinner (spray below 80 degrees F.)
41-48 Thinner (spray above 80 degrees F.)
Or 41-39 Thinner (for brush or roll application)

application)

3rd Coat: Tnemec Series 700 HydroFlon @ 2.0-3.0 mils.
Approved Thinners: 41-39 Thinner (spray application)
Or 41-39 Thinner (for brush or roll application)

application)

Total dry film thickness of the new coating system shall be 7.0-10.0 dry mils.

SECTION 6. PERFORMANCE PROPERTIES

The system identified in this specification meets or exceeds the following test requirements (all proposed equivalents must certify compliance to same requirements):

A. Corrosion Resistance, ASTM B117, Salt Spray Test

Must pass 4000 hours minimum with less than 2mm creep from scribe. Panels must be 1/8-inch cold rolled steel minimum, having SSPC-SP10 Near White Blast with 1-2 mils angular profile.

B. Accelerated Weathering, ASTM G53

Must pass 400 hours QUV B bulb with not chalking, cracking, or gloss loss greater than 20 percent.

C. Forward Impact, ASTM D2794

Must pass minimum 150 lb. impact.

D. Abrasion Resistance, ASTM D 4060

Project: Eugene Drive Tank Painting

Lead Abatement, Cleaning and
Painting Specification