**SECTION 09875.1 (CUSTOM)**

**REPAINTING OF EXTERIOR SURFACES OF AN EXISTING WELDED
STEEL TANK BASED ON 100% OR SPOT REMOVAL OF EXISTING PAINT
SYSTEM AND REPLACEMENT WITH A NEW PAINT SYSTEM**

## 3.06 APPLICATION, EXTERIOR PAINT SYSTEMS

A. 100% REMOVAL COATING SYSTEM

After completion of surface preparation as specified, all surfaces shall receive three complete coats of one of one of the following systems:

 1. Carboline Company

1. Prime Coat: Carbozinc 859 VOC, Minimum Dry Film Thickness 2.5 mils

[note: Specifier may substitute Carboguard 890 VOC, Minimum Dry Film Thickness 3‑5 mils, for zinc primer]

1. Intermediate Coat: Carboguard 890 VOC, Minimum Dry Film Thickness 4‑6 mils
2. Finish Coat: Carbothane 134 MC, Minimum Dry Film Thickness 2-4 mils
3. The minimum dry film thickness of the completed system shall be 10 mils (0.010").

 2. Sherwin Williams Company

1. Prime Coat: Corothane 1 GalvaPac, Minimum Dry Film Thickness 2.5 mils

[note: Specifier may substitute Macropoxy 646-100, Minimum Dry Film Thickness 3‑5 mils, for zinc primer]

1. Intermediate Coat: Macropoxy 646-100, Minimum Dry Film Thickness 3‑5 mils
2. Finish Coat: Sher-Loxane 800 Polysiloxane, Minimum Dry Film Thickness 4‑6 mils
3. The minimum dry film thickness of the completed system shall be 10 mils (0.010").

 3. Tnemec Company

1. Prime Coat: Series 94-H2O Hydro-Zinc, Minimum Dry Film Thickness 2.5 mils

[note: Specifier may substitute Series L69F, Minimum Dry Film Thickness 3-5 mils, for zinc primer]

1. Intermediate Coat: Series L69F, Minimum Dry Film Thickness 3-5 mils
2. Finish Coat: 1095 Eudurashield, Minimum Dry Film Thickness 2-4 mils
3. The minimum dry film thickness of the completed system shall be 10 mils (0.010").

B. SPOT REMOVAL COATING SYSTEM

 After completion of surface preparation as specified, all damaged surfaces shall receive a spot prime coat on the damaged areas, and then all surfaces shall receive two complete coats of one of one of the following systems:

 1. Carboline Company

1. Spot Prime: Carboguard 890 VOC, Minimum Dry Film Thickness 3‑5 mils
2. Intermediate Coat: Carboguard 890 VOC, Minimum Dry Film Thickness 3‑5 mils
3. Finish Coat: Carbothane 134 MC, Minimum Dry Film Thickness 2-4 mils
4. The minimum dry film thickness of the completed system shall be 10 mils (0.010").

 2. Sherwin Williams Company

1. Spot Prime: Macropoxy 646-100, Minimum Dry Film Thickness 3‑5 mils
2. Intermediate Coat: Macropoxy 646-100, Minimum Dry Film Thickness 3‑5 mils
3. Finish Coat: Sher-Loxane 800 Polysiloxane, Minimum Dry Film Thickness 4‑6 mils
4. The minimum dry film thickness of the completed system shall be 10 mils (0.010").

 3. Tnemec Company

1. Spot Prime: Series 135 Chembuild, Minimum Dry Film Thickness 3-5 mils
2. Intermediate Coat: Series L69F, Minimum Dry Film Thickness 3-5 mils
3. Finish Coat: 1095 Eudurashield, Minimum Dry Film Thickness 2-4 mils
4. The minimum dry film thickness of the completed system shall be 10 mils (0.010").

**END OF SECTION 09875.1**