

STEELCOAT 1000™ SYSTEM

A two component polyester resin coating reinforced with glass flake for protecting structural steel in aggressive environments such as marine structures, bridges and lock gates

The Steelcoat 1000™ System comprises a two component reinforced polyester glass flake coating (Denso Rigspray™) that offers outstanding resistance to corrosion and abrasion. For protecting structural steel in aggressive environments such as marine structures, bridges, lock gates, and where abrasion and erosion are prevalent at temperatures up to 65°C.

The robust coating is applied by airless spray and can achieve a dry film thickness of 1 mm or 1000 microns in one coating operation. Good mechanical resistance of the coating is achieved within 3 hours at 25°C. For improved service life two coats are applied at 750 microns per coat to increase overall thickness to 1,500 microns average.

FEATURES

- Excellent corrosion resistance
- Very good abrasion resistance
- Very good erosion resistance
- Very low permeability
- Good chemical resistance
- Excellent application properties
- Single coat application up to 1mm D.F.T.
- Excellent undercutting resistance
- Fast cure time
- Excellent reparability

COMPONENTS

Denso Rigspray™

SURFACE PREPARATION

Dry abrasive blast to Sa2½ (ISO 8501-1) or SSPC-SP10/NACE No. 2 with an angular surface profile of 50 to 125 microns.




Ver 0806.22

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