

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 2/07.09

SURESEAL 2008 NE NOVOLAC EPOXY WITH FIBER

DESCRIPTION

SURESEAL 2008 NE is a two-pack Epoxy Novolac coating reinforced with carbon fiber, designed to provide maximum corrosion resistance against the most aggressive chemicals in extreme service applications. The carbon fiber will form strong impermeable barriers, which further enhanced the chemical resistance properties of epoxy novolac. It can be applied as a solvent-free coating / lining over surfaces for steel and concrete structures that is exposed to aggressive chemicals.

RECOMMENDED USES

SURESEAL 2008 NE is designed to provide maximum corrosion protection against concentrated acids, solvents and other aggressive chemicals. It is most recommended for application in chemical plants as a protective coat over structural steel and concrete floor against chemical attack and also mechanical abuse.

ADVANTAGES

- Durable – Tough and impermeable layer with excellent resistance against wear and tear.
- High build – can build up to 250 microns in one coat.
- Chemical resistant- Excellent resistance against the most corrosive chemicals.
- Adhesion – Excellent adhesion to most surfaces.

CHEMICAL RESISTANCE GUIDE

Exposure	Immersion	Splash & Spillage	Fumes
Acids	Excellent	Excellent	Excellent
Alkali	Excellent	Excellent	Excellent
Solvents	Excellent	Excellent	Excellent
Salt water	Excellent	Excellent	Excellent
Water	Excellent	Excellent	Excellent

PHYSICAL DATA

Colour	: Red & Grey
Volume Solids	: 100 %
No. of Components	: Two
Recommended Thickness	: 250 to 500 microns DFT
Theoretical Coverage recommended	: 1.6 m ² /kg @ 500 microns DFT
No. of coats recommended	: One
Pot Life	: 15 minutes (varies with temperature)
Packing Size	: 2.5 Kg

APPLICATION INSTRUCTIONS

SURFACE PREPARATION :

STEEL : Remove oil or grease from surface to be coated with clean rags soaked in PLC Cleaner#2 in accordance with SSPC-SP1. For maximum protection, dry abrasive blast to a SSPC-SP10 near white metal finish with blast potfile about 50 to 75 microns.

CONCRETE : Concrete shall be at least grade 25 and new concrete shall be cured for minimum 28 days. Surface tensile shall be 1.5 MPa in accordance with BS EN 1542. Surface to be coated shall be dry; smooth surfaces shall be roughened by grinding or abrasive blasting to a medium grit size sand paper pot life to ensure good adhesion.

MIXING : Mix component A thoroughly then mix in component B and mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.

APPLICATION : The mixed materials shall be applied by brush, roller or airless spray. For spray application hold gun 8 to 10 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun. The coating can be applied by brush and roller but surface will be textured and variation in thickness.

TOP-COAT : To topcoat or re-coat SURESEAL 2008 NE, sweep blasting is necessary to ensure good adhesion.

CLEANING : Clean all tools and equipment with CLEANER #2 immediately after use.



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