

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SUREGLASS PE GLASS FILLED POLYESTER

DESCRIPTION

SUREGLASS PE is a high-build glass-flake reinforced polyester coating suitable for immersion and underground services. It has excellent resistance against abrasion, impact and outstanding resistance to moisture penetration. No primer required and the coating can build up to 750 microns in one coat.

RECOMMENDED USES

SUREGLASS PE can be applied over steel and concrete surfaces subjected to physical abuse or exposure to water and brine. Outstanding protection for underground structures and equipment. Excellent in heavy duty marine applications such as splash zones, decks, sheet piles, jetty piles and jacket legs. Suitable as a lining for waste water tanks.

ADVANTAGES

- Chemical resistant - excellent resistance against a broad spectrum of chemicals.
- High build - can build up to 750 microns in one coat.
- Anti-corrosion - excellent barrier properties.
- Fast dry - Minimum down time suitable for maintenance service.
- Abrasion resistant - suitable for decks where the wear and tear is high.

PHYSICAL DATA

Finish	: Matt
Colour	: Off White, Grey.
Volume Solids	: 95 ± 5 %
No. of Components	: Two
Recommended Thickness	: 500 microns DFT per coat
Theoretical Coverage	: 1.9 m ² /litre @ 500 microns DFT
No. of coats recommended	: One or two
Drying Time	
Touch dry	: 45 minutes
Re-coat	: 1 hour
Full cure	: 12 hours
Pot life	: 30 minutes (varies with temperature)
Packing Size	: 18 litres

CHEMICAL RESISTANCE GUIDE

Exposure	Immersion	Splash & Spillage	Fumes
Acids (*)	Good	Excellent	Excellent
Alkali (*)	Good	Excellent	Excellent
Solvents	Not recommended	Good	Excellent
Salt water	Excellent	Excellent	Excellent
Water	Excellent	Excellent	Excellent

(*) Not recommended for concentrated acids and alkali.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : Remove oil or grease from surface to be coated with clean rags soaked in PLC Cleaner #2 in accordance with SSPC-SP1.

STEEL : For maximum protection, dry abrasive blast to a commercial blast finish in accordance with SSPC-SP10 with blast profile about 50 to 75 microns.

CONCRETE : New concrete must be cured for at least 28 days. Old concrete must be sound and clean. Abrasive blast will provide best surface for good bonding. Primer with SURESEAL CP concrete primer.

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.

THINNING : This is a solvent free system and thinning is not recommended. If the viscosity is too high for the spray equipment, viscosity can be reduced by adding not more than 10% of diluents.

APPLICATION : For steel surface, do not apply when the surface temperature is less than 3°C above the dew point. Use airless spray pump of minimum 30:1 ratio with reverse clean tip and surge tank filter removed.

CLEANING : Clean all application tools with PLC Cleaner #2 immediately after use.