

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SUREGLASS VE

GLASS FILLED VINYL ESTER

DESCRIPTION

SUREGLASS VE is a high-build glass-flake reinforced vinyl ester coating suitable for immersion service of highly corrosive materials. It is a superior chemical tank lining that can withstand a wide spectrum of liquid and solid cargoes. The well arranged glass-flakes in the vinyl ester matrix will form an excellent against permeation and thus contributed to the extremely high chemical resistance.

RECOMMENDED USES

SUREGLASS VE can be applied over steel and concrete surfaces subjected to exposure of corrosive chemicals or immersion of highly corrosive chemicals or solvents. It is most suitable for chemical tank lining for corrosive chemicals as well as the protective floor topping for areas subjected to splash and spillage of aggressive chemicals.

ADVANTAGES

- Chemical resistant - excellent resistance against a broad spectrum of chemicals.
- High build - can build up to 750 to 1000 microns in one coat.
- Anti-corrosion - excellent barrier properties.
- Fast dry - Minimum down time suitable for maintenance service.

CHEMICAL RESISTANCE GUIDE

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

PHYSICAL DATA

Finish	: Matt
Colour	: Off White, Grey
Volume Solids	: 98 ± 2 %
No. of Components	: Two
Recommended	: 1000 microns DFT per coat.
Thickness	
Theoretical Coverage	: 2.0 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

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 : Dry abrasive blast to ISO Sa2 ½ or SSPC-SP10 near white metal finish with sharp 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 SURESEAL CP concrete primer is recommended 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.

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 diluent.

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 or MEK immediately after use.



PLC Laboratory Sdn Bhd (345458-D)

No.8, Jalan TPP 6/13, Taman Perindustrian Puchong, 47100 Puchong, Selangor Darul Ehsan.

Tel : 603-80604584 Fax : 603-80604676 Email : email@plc.com.my Website : www.plc.com.my



(Certificate Number : 601086)