

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SURESEAL PS 28 EPOXY PENETRATING SEALER

DESCRIPTION

SURESEAL PS 28 is a two-component silane modified, low viscosity, clear epoxy penetrating primer-sealer. When applied over concrete surfaces, **SURESEAL PS 28** penetrates and enhances the concrete surfaces to provide surfaces with increased hardness and better resistance against moisture penetration and prevents dusting.

RECOMMENDED USES

SURESEAL PS 28 is recommended as primer-sealer or concrete prior to application of surface, membranes or toppings. It meets the ASTM C-309 Type 1 specification for moisture retention of concrete. This clear sealer can also be used as a surface hardener for concrete floors in workshops, garages, mechanical rooms and warehouses to prevent dusting.

NOT RECOMMENDED FOR

Exposure to strong acids and alkali.
Not suitable for immersion services.

ADVANTAGES

- Easy mixing- one to one ratio by volume.
- Fast dry – can be top coated within 3 hours.
- Deep penetration into concrete surface to avoid peeling.
- Good resistant against mild chemicals.
- Very long pot life- more than 12 hours after mixing.
- Excellent dust sealer for concrete floor.

TYPICAL CHEMICAL RESISTANCE

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

PHYSICAL DATA

Generic Type	: Polyamide cured Epoxy
Colour	: Light Amber
Volume Solids	: 30 ± 2 %
Mixing Ratio	: 1 Part A to 1 Part B by volume
Theoretical Coverage	: 12.0 m ² /litre @ 25 Microns DFT for non-Penetrating surfaces 6 to 8 m ² /litre for concrete Surface.
Top coating time	: Minimum – 2 hours Maximum – 24 hours
Pot life	: 20 – 24 hours in closed container
Packing Size	: 10 litres
Thinner	: Thinner #3
Cleaner	: Thinner #2

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Fins and protrusions must be removed by grinding or sanding. New concrete shall be allowed to cure for at least 28 days before application of **SURESEAL PS 28**.

MIXING : Mix the pre-measured contents of Part A and Part B and mix until a homogenous mix is obtained. The mix materials shall be allowed or 1 hour "sweat-in" prior to application. **SURESEAL PS 28** is designed to have very low viscosity to ensure deep penetration. No thinning is required during application.

APPLICATION : Can be applied by roller, brush, conventional or airless spray equipment. Make sure sufficient materials is applied evenly over the entire surface to ensure maximum penetration. For application in enclosed areas, provide sufficient ventilation to ensure proper drying of the applied materials.

CURING : The coated surface can be opened to foot traffic 24 hours after application. With good ventilation, topcoats can be applied after 2 to 3 hours.

CLEANING : All application tools must be cleaned using PLC Cleaner #2 immediately after use.