

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SURESEAL PS 700

PROTECTIVE WATERPROOFING SEALER

DESCRIPTION

SURESEAL PS 700 is a low viscosity, clear penetrating sealer based on siloxane-silane, used for protection of old and new concrete structures. The clear sealer will penetrate deep into the concrete surface and form a protective layer against corrosion and deterioration caused by water, chlorides, sulphates, carbon dioxide, acid rain and natural weathering. **SURESEAL PS 700** can also be used as water repellent on concrete structures and walls.

RECOMMENDED USES

SURESEAL PS 700 is recommended for use as a primer or protective sealer for bridge decks, concrete marine structures, concrete floors, concrete highway, natural stone, brick wall, precast concrete, Shanghai plaster and other concrete structures. By sealing the pores in the concrete matrix, **SURESEAL PS 700** will protect the reinforcing bars from being corrosion caused by ingress of marine chloride ions.

NOT RECOMMENDED FOR

Application over membranes and curing compound.

ADVANTAGES

- Deep penetration for long lasting protection.
- Chloride - High resistance to chloride and water ingress.
- Carbonation protection - Excellent carbon dioxide barrier.
- Breathability - Allow for water vapour transmission.
- Durability - Outstanding resistance to external weathering.
- Preserve the natural appearance of the surface.
- Decorative - optional cosmetic topcoat.
- Ease of application - Single pack and simple application procedures.

PHYSICAL DATA

Colour	: Clear
No. of Components	: One
Theoretical Coverage	: 2.5 to 3.5 m ² /litre depending on the surface roughness and porosity
No. of coats recommended	: Two
Drying Time	: To Topcoat - 2 hours
Packing Size	: 5 litres & 20 litres

APPLICATION INSTRUCTIONS

SURFACE PREPARATION :

New concrete - Surface should be fully cured, free from laitance, dirt, dust and any other forms of contaminants. Any membrane present on the surface must be completely removed. All joint sealant and caulks should be in place before applying **SURESEAL PS 700**.

Old concrete - Removal of all substances that may prevent absorption, i.e., oil, grease, loose particles, moss, algae growth, existing coating, curing compound and etc. To achieve maximum penetration, water jet or grit blast cleaning is recommended. Install concrete repairs and joint sealant prior to sealer application.

MIXING : Mixing is not typically required unless shelf life has expired.

APPLICATION : **SURESEAL PS 700** should be applied as several flood coats until the recommended application rate has been achieved. This is best accomplished with a low pressure spray application.

CURING : **SURESEAL PS 700** must be allowed to dry for minimum of 2 hours before any topcoat can be applied.

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