

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SURESEAL PS706 W

PENETRATING SURFACE WATER REPELLENT

DESCRIPTION

SURESEAL PS706 W is a water-based penetrating type water repellent suitable for interior and exterior applications. It is effective, long lasting and economical. It easily penetrates absorbent, porous stone, masonry and concrete surfaces producing a sub-surface hydrophobic property that prohibit the penetration of water. **SURESEAL PS706 W** is a colourless material and it does not change the colour and or surface finish of the substrate. It allows the treated surface to breath, thus allowing the moisture from below or behind the surface to dry naturally while repelling water from the surface.

RECOMMENDED USES

SURESEAL PS706 W is recommended for use as a protective sealer for bridge decks, concrete marine structures, concrete floors, concrete highway, natural stone, quarry tiles, roof tiles, brick wall, precast concrete, Shanghai plaster and other concrete structures. By having a sub-surface hydrophobic layer, **SURESEAL PS706 W** will help to minimize problems caused by efflorescence, water seepage, staining and extend the service life of materials.

NOT RECOMMENDED FOR

Application over membranes and curing compound.

ADVANTAGES

- Deep penetration for effective application.
- Carbonation protection - Excellent carbon dioxide barrier.
- Breathability - Allow for water vapour transmission.
- Durability - Outstanding resistance to external weathering.
- Preserve the natural appearance of the substrate.
- VOC Free – water based.
- 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	: Topcoat - 3 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 PS706 W**.

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.

Stones : The surface shall be clean and dry.

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

APPLICATION :

For concrete : **SURESEAL PS706 W** 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.

For stone : Apply by brush or sponge onto the surface and wipe away any excess with an absorbent cloth. Ensure no excess material is left on the treated surface.

CURING : **SURESEAL PS706 W** must be allowed to dry for minimum of 3 hours with good ventilation before any topcoat can be applied or further works shall be carried out.

CLEANING : All application tools and equipment must be cleaned using clean water immediately after use.



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