

Pen Shield SUPREME

Solvent based penetrating and enhancing sealer for masonry surfaces

DESCRIPTION

Pen Shield SUPREME is a solvent based, enhancing **impregnating sealer** designed to provide **long lasting protection** to concrete, sandstone, limestone, **concrete pavers**, external polished concrete, broom or exposed aggregate finished concrete **from the damage caused through water borne and oil based contaminants.**

Pen Shield SUPREME provides long lasting protection while enhancing the look of the original product.

A test sample should always be prepared and allowed to cure prior to proceeding.

PRODUCT FEATURES & BENEFITS

- **Excellent resistance to water borne and oil based staining**
- **Easy to use**
- **Excellent penetration**
- Enhances the look of the original surface
- **UV stable**
- **Minimises efflorescence**
- **Reduces mould growth**
- **Allows trapped moisture to escape**
- Suitable for external use
- **Cost effective**

TYPICAL APPLICATIONS

Pen Shield SUPREME can be used in a variety of applications, including alfresco dining, swimming pool surrounds, urban landscaping, patios and entertaining areas. Ideal for external concrete surfaces in domestic, commercial and industrial developments.

APPLICATION RATES

Total application will vary depending on the porosity of the substrate, rates are typically between 3-6m² per litre for high porosity substrates and 8-20 sqm per litre for low porosity substrates.

(Contact manufacturer for more details).

CONPELL

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PERFORMANCE PROPERTIES

COLOUR	CLEAR, COLOURLESS LIQUID
FINISH	COLOUR ENHANCING PENETRATING FILM
VOLUME SOLIDS	6%
FLASH POINT	36 °C
RECOAT TIME	4 HOURS @ 25°C
POT LIFE	INDEFINITE (DRIES BY WATER EVAPORATION)
FULL CURE	7 DAYS @ 20°C 50%RH

PACK SIZES

Pen Shield SUPREME is available in 200ltr, 20ltr 5ltr containers.

SURFACE PREPARATION

The concrete substrate must be cured in accordance with relevant standards; the concrete must be a cured for a minimum of 28 days prior to the application of Pen Shield SUPREME. All concrete must be clean, dry and free of all contaminants prior to the application of Pen Shield SUPREME; this includes curing compounds and release agents.

APPLICATION OF PRODUCT

- Always test the product on the substrate and allow to cure to ensure the desired result will be achieved.
- Apply product straight from the container (no dilution required).
- Surface must be free of all contaminants prior to the application of sealer.
- The surface must be completely dry prior to the application of the sealer.
- Apply the product to the substrate using a brush and roller or low pressure sprayer. During application ensure the entire surface has been evenly coated. Ensure no ponding of sealer occurs and no product comes in contact with surrounding areas.
- Any excess material left on the surface may lead to discolouration of the surface.
- The second coat may be applied once the first coat has had time to sufficiently cure, for best results allow to cure overnight. Ensure no excess material is left on the surface as this may lead to discolouration of the surface.
- Clean all tools with Xylene.

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PRECAUTIONS

- Not to be applied over previously coated surfaces.
- Do not apply to damp surfaces
- Drying times will be extended in cold conditions (product cures through evaporation of solvent).
- Protect surrounding areas from overspray, buildings, plants, drains etc.
- Wear suitable protective wear, respirator, gloves, protective clothing, safety goggles.
- Protect sealed surface from moisture for a minimum of 6 hours.
- Avoid applying Pen Shield SUPREME in windy conditions, Apply between 10°C & 35°C.

STORAGE

- Keep Pen Shield SUPREME stored in a dry area, away from direct sunlight & frost.
- Store between 10°C & 30°C.
- Pen Shield SUPREME has a shelf life of 12 months in an unopened container.
- Ensure partly used drums are correctly sealed.

FIRE

Pen Shield SUPREME is flammable.

SAFETY PRECAUTIONS

- Wear appropriate protective equipment including clothing, gloves, appropriate respiratory mask and goggles.
- If poisoning occurs, contact doctor or Poisons Information Centre.
- If contact with skin occurs, remove contaminated clothing and thoroughly wash skin.
- If swallowed do not induce vomiting, give a glass of water.
- If in eyes, hold eyes open and flood with water for at least 15 minutes then see doctor immediately.
- For further information refer to the relevant Material Safety Data Sheet.

IMPORTANT INFORMATION

The information and recommendations relating to Pen Shield SUPREME are given based on current knowledge and experience. Due to variances in material substrates and site conditions no warranties implied by law or, fit to purpose of the product can be implied. We accept no responsibility for loss or injury due to the incorrect handling or improper use of the product, limiting the cost of our liability to the replacement product cost only. Always refer to current Product Technical Data Sheets.

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