

# Pen Shield ENHANCE

Solvent based high performance, wet look impregnating sealer for masonry surfaces

## DESCRIPTION

Pen Shield ENHANCE is a single pack, resin solution, alcohol based high performance impregnating sealer that provides a wet look finish to masonry surfaces. Pen Shield ENHANCE provides long lasting protection to internal polished concrete and concrete pavers from the damage caused through water borne and oil based contaminants. Pen Shield ENHANCE is also recommended for use on natural stones such as Sandstone, Terrazzo, Terracotta and Cranite.

Pen Shield ENHANCE WILL alter the look from 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
- Wet look finish
- UV stable
- Minimises efflorescence
- Reduces mould growth
- Allows trapped moisture to escape
- Excellent chloride ion salt resistance
- Non-flammable
- Cost effective

## TYPICAL APPLICATIONS

Pen Shield ENHANCE can be used in a variety of applications, including internal polished concrete and to protect natural stones used in urban landscaping, patios and entertaining areas, in domestic, commercial and industrial developments.

## APPLICATION RATES

Total application will vary dramatically depending on the porosity of the substrate, rates are typically between 1-6m<sup>2</sup> per litre for high porosity substrates and 5-20 sqm per litre for low porosity substrates.

(Contact manufacturer for more details).

## CONPELL

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## PERFORMANCE PROPERTIES

COLOUR	CLEAR, COLOURLESS LIQUID WITH AN ALCOHOLIC ODOUR
FINISH	COLOUR ENHANCING PENETRATING FILM
VOLATILES	APPROX 45%
SPECIFIC GRAVITY	0.90 - 0.95 @ 20C
RECOAT TIME	15 MINUTES - 1 HOUR AT 25°C
POT LIFE	INDEFINITE (DRIES BY WATER EVAPORATION)
FULL CURE	7 DAYS @ 20°C 50%RH

## PACK SIZES

Pen Shield ENHANCE is available in 200ltr and 15ltr and 4 ltr 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 ENHANCE. All concrete must be clean, dry and free of all contaminants prior to the application of Pen Shield ENHANCE; 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 low pressure sprayer, brush, broom, flat micro fibre mop or similar. During application ensure the entire surface has been evenly coated, then allowing sufficient time for the surface to become damp (but not dry, 15 minutes - 1 hour depending on conditions), apply a second coat of sealer, ensure no ponding of sealer occurs and no product comes in contact with surrounding areas. Porous concrete surfaces may require 3 or 4 coats to achieve the desired result.
- Remove all excess material from the surface as any excess material left on the surface may lead to discolouration of the substrate.
- Clean all tools with Turps or White spirits

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## PRECAUTIONS

- Not to be applied over previously coated 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 ENHANCE in windy conditions.

## STORAGE

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

## FIRE

Pen Shield ENHANCE 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 ENHANCE 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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