



## PORCELAIN & GLASS SEALER

### DESCRIPTION

PORCELAIN & GLASS SEALER is a natural finish based on a fluoro-resin impregnating agent modified with an adhesion promoter in a low flashpoint solvent.

PORCELAIN & GLASS SEALER finds uses as a finish for porcelain and other unglazed ceramics used in floors and walls.

PORCELAIN & GLASS SEALER can also be used to sealing natural and synthetic stone to assist the easier removal of graffiti and posters.

Due to the product's unique oleophobic (oil hating) properties PORCELAIN & GLASS SEALER also finds use as an oil repellent for natural stone tabletops, unglazed porcelain tile kitchen benches and floors.

### ADVANTAGES

- Reduction of water adsorption.
- Reduction of oil adsorption.
- Reduction of water borne dirt pick-up.
- Reduction of frost damage.
- Reduction of mildew, moss, and lichen growth in external applications
- Restored thermal properties.
- Does not impart the "wet look" to treated surfaces or contribute to surface gloss (when correctly applied).
- Grout sealing

### SUBSTRATE

The proposed surface to be treated must be dry, unsealed, clean of mortar etc. and of a porous nature.

Listed below are some of the substrates successfully treated with a guide of the expected coverage when applied to achieve maximum performance.

### COVERAGE

- Natural stone (including sandstone) (varies with porosity) 1 - 20 m<sup>2</sup>/litre
- Porcelain Tiles (varies with porosity) 8 -20 m<sup>2</sup>/litre
- Terracotta tiles (varies with porosity) 1 - 12 m<sup>2</sup>/litre
- Slate (varies with porosity) 5 - 20m<sup>2</sup>/litre

Remember these figures are a guide only, each individual substrate can give different results.

Substrate saturation is essential together with removal of any excess prior to drying to give good quality results.

### SURFACE PREPARATION

It is essential that all surfaces to be impregnated should be dry, unsealed, clean of mortar etc. and possess a degree of porosity.

Any cracks larger than 0.3mm will not be "bridged" and consideration given as whether they should be re grouted prior to commencement of the treatment.

At least 6 hours rain free drying time is required after application.

### DIRECTIONS

Before commencing shake the drum to ensure no separation of the resin has occurred.

Good technique is a "must" for good results.

The substrate to be treated should be flooded using a low-pressure spray only (an airless spray or compressed air sprayer operating with no air pressure at the gun tip.)

High-pressure sprays should be avoided as this dilutes the amount of product used and reduces the amount of material on the substrate, reducing efficiency and efficacy of the treatment.

## CHEMICAL HOUSE

### Headquarters

9 Production Avenue, Molendinar

Queensland, 4214 Australia

Ph: +61 7 5594 0344

[www.chemicalhouse.com.au](http://www.chemicalhouse.com.au)



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### CAUTION

PORCELAIN SEALER cannot be used as a primer on any surface; it is a finished treatment.

Application of any film forming product over PORCELAIN SEALER will result in delamination (peeling) of that finish.

PORCELAIN SEALER is not recommended for use on concrete surfaces.

Use in exterior applications should be supported with regular maintenance including re-application after no more than 24 months as incident ultra-violet light can degrade the treatment.

### CLEAN UP

Equipment should be washed in ethanol, isopropanol, or similar solvent.

### AFTER CARE

Use only a dilute solution of neutral detergent and warm (not hot) water to remove any spills from the treated surface.

The use of strong solvents, solvent based cleaners or highly alkaline detergents may remove the treatment

### FIRST AID, SAFETY & STORAGE

Refer to Material Safety Data sheet.

### PACKS

5L, 20L, 200L

### PORCELAIN & GLASS - PDS August 2020

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Chemical House does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether in accordance with any advice, specification, recommendation, or information given by it.

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