

**PRODUCT:****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 a oil repellent for natural stone table tops, 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 m2/litre
Porcelain Tiles (varies with porosity)	8 - 20 m2/litre
Terracotta tiles (varies with porosity)	1 - 12 m2/litre
Slate (varies with porosity)	5 - 20m2/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 regouted prior to commencement of the treatment. At least 6 hours rain free drying time is required after application.

**DIRECTIONS FOR USE :**

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 actually reduces the amount of

**CAUTION:**

material on the substrate, reducing efficiency and efficacy of the treatment.

**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

**STORAGE:**

If stored in a cool dry place, with the cap firmly secured the expected shelf life of **PORCELAIN & GLASS SEALER** is 9-12 months.

**SAFETY**

Do not smoke when using **PORCELAIN & GLASS SEALER** avoid naked flames. Ensure adequate ventilation exists during application. Wear personal protection consisting of goggles, gloves and a face mask. Avoid contact with skin or eyes. Wash skin thoroughly with soap and water if splashed onto exposed areas. Cover glass and any and other surfaces which may be splashed. Remove any splashes with mineral turpentine immediately they occur (particularly glass as it will etch onto the surface). A Material Safety Data Sheet is available on request.

**PACKS:**

5L, 20L, 200L.

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