

# GLAZE

## HIGH PERFORMANCE CLEAR SEALER FOR POROUS SURFACES.

### DESCRIPTION

Shalex Glaze is a high performance water based clear sealer designed to enhance and protect a wide variety of porous surfaces on both residential and commercial projects. Glaze is a new generation coating providing the performance benefits normally only found in commercial sealers in a 'user friendly' water based product.

Glaze is especially suited to sealing and protecting porous horizontal masonry surfaces such as clay, concrete and brick pavers, sandstone and concrete.

Glaze's low odour, rapid dry and unique self crosslinking formulation make it ideal for sealing and protecting a wide range of interior surfaces such as interior bricks, blocks, stone and timber.

Based on a self crosslinking nano polymer, Glaze has excellent early resistance to water whitening and when cured will remain clear even when submerged under water for extended periods.

Glaze dries to a mid sheen finish and provides a smooth washable surface, that reduces dust and protects from stains, spills and reduces the ability of moulds, algae and lichen to discolour the surface. Glaze can be over painted with any water-based acrylic paint.

Glaze is a UV stable pure acrylic designed to provide many years of service in the harshest conditions. It is safe to use, has a low VOC formulation exceeding all environmental regulations and is very low odour making it ideal for application in enclosed spaces or for those with sensitivity to harsh chemicals and odours.

With the applicator in mind, Glaze is quick drying and provides for 'wet on wet' application. It has excellent resistance to alkaline substrates allowing for application over 'hot' concrete well before traditional coatings could be applied. Being a water based coating Glaze can also be applied over damp concrete. Higher sheen levels can be achieved by applying additional coats giving the applicator greater flexibility to achieve the perfect finish.

Trials have shown Glaze has excellent chemical, alkaline and efflorescence resistance and making it ideal for sealing and protecting floors and paths. Glaze is non yellowing and enhances colour and substrate appearance.

Glaze may be used both on indoor and outdoor surfaces with confidence.

### APPLICATION INSTRUCTIONS

#### SURFACE PREPARATION

- All surfaces should be clean, sound and free from dry or loose material. Check for presence of waxes, mould release or bond breaking agents, oils, previous coatings or other contaminants than may affect adhesion before application.
- Moulds, lichen or fungal growth should be treated with a suitable algicide or if unavailable with a dilute bleach solution (1 part household bleach to 2 parts water) to kill any spores. Leave the bleach solution in contact with the surface for approx 10 minutes then liberally rinse with clean water and allow to dry.
- Masonry should be flush pointed. Make good any defects in surfaces. Remove any dags, high points or protrusions prior to application. Any laitance in concrete surfaces should be removed with wire brush or by grit blasting.

#### HELPFUL TIPS!:

Hot surfaces may cause Glaze to dry prematurely. We recommend applying the first coat when the temperature is below 25°C to allow penetration into the substrate before drying occurs. Alternatively, wash down the surface and apply Glaze while the surface is still damp (but not visibly wet).

### TECHNICAL DATA

<b>No. of Coats:</b>	2 – 3
<b>Coverage:</b>	1L = approx 5m <sup>2</sup>
<b>Drying Time:</b>	2 – 4 hrs
<b>Fully Cured:</b>	3 days
<b>Cleanup:</b>	when wet: water when dry: solvent
<b>Shelf Life:</b>	12 – 18mths
<b>Store Below:</b>	35°C
<b>Application Temperature:</b>	10°C – 35°
<b>Application</b>	Low pressure sprayer, brush, lambswool pad or roller

### PRODUCT FEATURES

- One Component
- Cross linking formula – won't water whiten when cured
- UV stable
- Interior and outdoor use
- Waterborne for easy application and cleanup
- Safe to use in confined spaces with very low odour
- Rapid Dry
- Dries to a hard, clear mid sheen finish
- Gloss level can be increased by applying additional coats
- Non-Yellowing

Shalex Industries Technical Support Line

**1300 720 535**

## APPLICATION METHOD

- 1 Dilute Glaze with up to 30% water for the first primer coat, this is, 2 parts Glaze to 1 part clean water.
- 2 Do not dilute the second or subsequent coats – apply neat.
- 3 Glaze may be applied with a brush, roller, lambswool pad or low pressure airless equipment. Apply liberally, working the product into all areas – keeping a wet edge. Allow 1 hour to dry (at 24°C). Do not return unused product to pail.
- 4 Allow to dry clear before applying subsequent coats. Intercoat adhesion is improved by applying multiple thin coats – do not attempt to flood the surface and allow to pool as this will prolong drying and may result in a poorly formed bond with the surface.

### Optional addition:

Addition of an anti slip additive can be added to the final coat when used in wet areas, on smooth surfaces or paths. Anti slip should be added to the final coat only. The ratio of Glaze to antislip additive we recommend is one 200g bag of additive to one 15L pail of Glaze. Avoid the use of silica sand or crushed glass as these particles are too large.

*NOTE: multiple coats of Glaze may be applied but drying time for each coat will increase. Do not leave for extended periods between coats as this may increase the risk of adhesion failure as glaze cures and fully hardens over 48 -72 hours.*

## WARNING!

Glaze is not suitable for application over previously sealed concrete eg stencilled concrete. Most driveways are sealed with a 'wet look' solvent based sealer and these sealers are not compatible with Glaze as the solvents may prevent adhesion, curing and cross linking even after many years.

## PARTICLE BOARD FLOORING

Two coats neat for dust and stain protection.

*Note: Flooring may become slippery if multiple coats are applied.*

## INTERIOR MASONRY

Apply primer coat and one neat coat to all interior surfaces, ensuring masonry joints are fully 'wet out'. Applying additional coats will help reduce rough surfaces on high traffic areas, eg hallways and doorways.

## INTERIOR TIMBER

Apply two neat coats to enhance colour and provide a hard washable surface.

*Note: Glaze is not suitable for exterior timber exposed to sun and rain eg decking, as movement may cause cracking and lead to delamination of the coating.*

## SEALING CARDBOARD, MOSAICS & CRAFTS

Apply two or more neat coats to provide a hard clear waterproof coating. Glaze is best suited to porous materials. An adhesion test is advised on non-porous surfaces and application at temperatures exceeding 15°C.

*Note: Glaze is not suitable for application over plastics, aluminium, porcelain, glazed tiles or natural stone.*

## PRODUCT USES

- Fibre cement sheeting
- Concrete Tilt Panels
- Leaking Balconies
- Cement render
- Concrete slabs
- Terracotta pots
- Undercoats/sealer
- Concrete ponds
- Leaking Showers
- Sealing Screeds
- Fibro roofs
- Wet areas
- Sealing and protecting concrete slabs
- Garage floors
- Clay, brick and concrete pavers
- Concrete & terracotta roof tiles
- Sandstone
- Limestone
- Terracotta Pots and Ornaments
- Timber (not suitable for exterior decking applications)
- Plywood, MDF & Particle Board Flooring
- Cardboard

### RECOMMENDATION:

Glaze is designed for use on porous substrates, it is not suitable for application over existing coatings, sealers or waxes. We strongly advise testing a small area prior to large scale application. A simple water test is recommended, if water beads this usually indicates the presence of a contaminant and Glaze should not be applied.

*Note: Glaze may make smooth surfaces slippery when wet, care should be taken around wet areas and/or anti slip additives should be considered.*

Shalex Industries Technical Support Line

**1300 720 535**