

## Penetrating reactive silicone resin integral coating for natural stone, concrete and masonry

### Product Description

TAL STONESEAL is a hydrophobic reactive silicone resin emulsion specifically developed to reduce the ingress of salts and water to natural stone concrete and masonry finishes. The product is supplied ready to use (RTU) or as a concentrate to be diluted with water at the point of use.

### Advantages

- Can be applied at high ambient temperatures
- Can be used with clear topcoats
- Reduces chloride ion ingress
- Reduces water absorption
- Reduced dirt pick up and staining
- U.V. Stable
- Water dispersed
- Environmentally friendly
- Easy to apply

### Laboratory Test Data

Property	Typical Results
Specific gravity	1.0
Water penetration at 5 bar	Nil
Reduction in water absorption	90%

### Specification Compliance

BS 6477

### Colour

Clear.

### Coverage

6.5m<sup>2</sup>/L single flood coat application to dense stone. Porous substrates will require a two coat application or a higher application rate.

### Packaging

25Lt bucket

### Shelf Life

18 months when stored at 25°C or less in a dry and shaded area.

### Installation Guidelines

#### Surface Preparation

All surfaces to be treated should be clean and free from any contamination. Old stone surfaces will require cleaning by water jet to remove accumulated dust and salts. The use of TAL SANITIZER is recommended to avoid fungal, algae and bacterial growth. After washing or applying TAL SANITIZER the surface must be allowed to dry for 24 hrs.

#### Dilution Rate

When supplied as a concentrate dilute with 2 parts clean potable water.

#### Application

TAL STONESEAL is to be applied in a single coat by flood coating, using a brush roller or low pressure spray. Airless spray can be used using the lowest pressure setting with a 0.025" tip. Porous substrates may require a two coat application. The coverage rate will be a minimum of 6.5m<sup>2</sup>/L but this may increase depending on the porosity of the substrate.

Note: Some stone may have a slightly darker appearance after treatment. Therefore a trial application is always recommended to determine if any colour change will occur.

#### Limitations

- Do not dilute the ready to use version.
- For application to the front face of the stone only.
- For rear and edge sealing use TAL BondSeal.
- Do not apply at temperatures below 4°C.
- Do not allow to freeze in storage.
- Do not discard into the water system.

