

## STONESEAL

### MATERIAL & FUNCTION

STONESEAL is a water based emulsion of acrylic resins used for the sealing of walls and floors against penetration of stains, water, oils, greases etc., STONESEAL is a one-part resin system with integral components activated by evaporation of moisture and exposure to light.

STONESEAL finds its main use in sealing of sandstone blockwork, brickwork and stone walls and floors, where a high gloss and wet look associated with solvent based sealers is not desired. However, it can be effectively used in protection of:-

- a) Concrete and brick paving areas.
- b) Masonry walls where penetration of moisture is a problem.
- c) Stone surfaces where damage by oils, grease and the occasional spillage of petrol needs to be prevented.

STONESEAL can be used both internally and externally and is not subject to yellowing.

### APPLICATION

Apply STONESEAL to clean stone at the rate of 100-250mls per square metre per coat with two to three coats being recommended to ensure saturation of surface. For high-density stone surfaces, STONESEAL may be diluted with water at the rate of no more than 50:50, with the number of coats of the diluted product adjusted accordingly to ensure saturation of the surface. Apply by airless spray, brush, broom or lambswool applicator, DO NOT USE A ROLLER. Wash out implements in water prior to drying. For optimum protection ensure full saturation and complete film formation.

### GENERAL DATA

Compound type	acrylic emulsion
Flammability	no
Solvent odour	nil
Curing (indoors)	2 - 5 days
Curing (outdoors)	2 days
Useable in	1 - 2 days

### Suitable for -

Sandstone	yes
Concrete	yes

### Scrub resistance -

1 day	fair
4 days	very good



### Resistance to:

Mineral oils	good
Solvents, petrol	good
Organic acids, animal & veg.wastes, dairy fats	excellent
Strong alkalis	fair
Weathering & UV	excellent

### Curing -

Min temp	20°C
Max r.h.%	80%

### ADDITIONAL NOTES

1. The acrylic film produced when STONESEAL has cured is generically resistant to mineral acids, such as sulphuric acid. Acid rain contains sulphuric acid and so will not affect the STONESEAL film. If STONESEAL is continually subjected to acid rain, it is beneficial to the surface if occasional washing with water is carried out to remove any residual material.

2. STONESEAL penetrates beneath the surface of stone and thereby provides protection by curing in the voids. It also does not support growth of mould on or beneath the surface. However, any mould growth on the sandstone prior to application of STONESEAL should be removed with SLATE/STONE/TERRACOTTA KLEEN and if necessary further eliminated with a prescribed biocide.

3. STONESEAL is resistant to salt water and is suitable for use around salt-water swimming pools. Applicators should ensure that there is no residual salt in the stone prior to application of STONESEAL. All surfaces of stone should be thoroughly sealed, particularly underneath the surface of the swimming pool coping. (Sandstone pool coping is recommended to be soaked in sealer to ensure full saturation prior to laying and waterproof grout and adhesive is mandatory to lessen the likelihood of salt tracking).

4. STONESEAL should not be applied where either the ambient or the surface temperature is below 13°C and relative humidity above 85%. The ideal curing temperature is 20-25°C.

### PACKAGING

1 Litre, 5 Litre, 15 Litre & 200 Litre containers.

### IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. ALWAYS TEST FIRST.*

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