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CI/SfB

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TECHNICAL DATA SHEET TDS104
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WATERSEAL

DESCRIPTION

WATERSEAL is a clear, siloxane based water-repellent, which complies with BS6477 "Specification for water-repellents for masonry surfaces".

USES

Colourless water-repellent liquids are intended to improve the resistance to rain penetration of masonry without appreciably changing its appearance. Exterior walls which are not protected against moisture will suffer frost damage, efflorescence, mould and fungus growth and surface contamination by dirt. The thermal insulation properties of walls are also very much reduced by dampness, so that heating costs rise.

A wall impregnated with WATERSEAL will repel liquid water but let water vapour through, i.e. the wall is not fully sealed and is allowed to breathe.

The concentration of WATERSEAL is such that the masonry pores are not clogged up and it follows that no protection against water penetration is obtained if the surface is horizontal, e.g. floors or other flat surfaces. The life expectancy of WATERSEAL is approximately 10 years. It also has damp proof course applications by pressure injection.

ADVANTAGES

- * Gives water-repellent surface.
- * Allows treated walls to breathe.
- * Conforms to BS6477.
- * Should not change the appearance of treated walls (a small trial area is always recommended).
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TECHNICAL DATA

Colour	Clear colourless liquid
Coverage	Depending on the porosity of the area to be treated, approx. 6 sq.m. per litre on hard brickwork and 4 sq.m. per litre on porous surfaces. Some very porous stone may take several coats. For injection the usage is 1 litre per 0.7-1.0m of 100-120 mm brickwork.

PACKAGING

WATERSEAL is available in 1 litre, 2.5 litre, 5 litre and 25 litre containers.

METHOD OF USE

The surface to be treated must be dry and free from matter such as sand, grit and other particles loosely hanging on the surface. These should be removed by the use of a wire brush. Defective joints in brick and stonework must be re-pointed to ensure maximum protection from the application of WATERSEAL. Fungi growths etc. should be removed before WATERSEAL is applied. Detergents should not be used as they nullify the water-repellent properties of the treatment.

The treatment must be applied to a dry surface by brush or low pressure spray, preferably during a spell of dry weather. The WATERSEAL is flooded on to the surface so that a run down of approx. 30 cm is obtained. WATERSEAL becomes active after about one hour after application and is completed about 24 hours later. **SPLASHES ON GLASS OR METAL PARTS SHOULD BE REMOVED IMMEDIATELY.**

WATERSEAL is designed to be the outer-most coating of a wall, therefore cement paints and renders must be applied before the water-repellent. It is however possible to decorate over a treated area with both oil and emulsion based paints, provided the WATERSEAL has been allowed to dry thoroughly.

Sealocrete PLA Limited can also supply a knapsack spraying machine for use with WATERSEAL.

INSTRUCTIONS FOR DAMP PROOF COURSE

The replacement of worn and perished damp proof courses can be obtained using WATERSEAL. The injection by special pump equipment completely saturates a selected course of brickwork right around the building forming an impervious and long lasting damp proof membrane.

Injection

Specialist pressure injection equipment is recommended. The WATERSEAL should be injected into the brickwork at pressures up to 100 psi through drilled holes 10 mm diameter, and about 150 mm apart.

Equipment can be cleaned with white spirit whilst the product is still wet.

STORAGE

Flashpoint is 38°C. solvent based. Store away from direct sunlight, naked flames, sparks and other heat sources.

If stored in the original containers in a cool dry place, the shelf life is 12 mon

HANDLING

WATERSEAL is a water-repellent in a hydrocarbon solvent and is therefore flammable with a flash point of 38°C

Do not smoke whilst using the product and keep it away from naked light.

Always use in a well ventilated area. For further information refer to the Product Safety Data Sheet.

We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.

