

Febsilicon

Exterior Waterproofer

Colourless High Performance Silicone
Water Repellent

- Deep penetrating for long term protection against water & damp
- Seals & protects brick, natural stone, limestone, cement, concrete, wood, plaster plus many other materials
- 10 year life expectancy
- Allows surface to breathe
- Can be applied by spray, brush or roller

Colour	Product Code	Pack Size	Box Qty
Clear	FBSIL5	5LTR	4
	FBSIL25	25LTR	1



Surface Protectors

Product Description

FEBASILICON is an external surface applied water-resistant compound for brickwork and certain types of natural and artificial stonework. FEBASILICON penetrates deeply beneath the surface to deposit a silicone barrier in the capillary channels, substantially reducing rain penetration and helping to keep the surface clean. FEBASILICON conforms to the specification of BS 6477, Groups 1 and 4.

Typical Uses

To substantially reduce the water permeability of external brickwork, weathered asbestos sheeting and certain types of artificial stonework, suitable for application to vertical surfaces only.

Features & Benefits

- Deeply penetrating, water repellent.
- Colourless, long lasting.
- Protects surface from discolouration due to pollution.
- Helps to reduce efflorescence.
- Economical and easy to use.
- When applied by brush or spray to surfaces of natural stonework, brickwork, certain types of concrete block, artificial stonework and cement paint, it penetrates deeply beneath the surface to line the pores with a thin water repellent coating without significantly changing the appearance or affecting the breathing property of the wall. This substantially reduces rain and damp penetration, protects the surface from discolouration and weathering and aids in preventing efflorescence and spalling of the surface from frost attack. In industrial areas, the sealing of masonry with FEBASILICON protects the surface from attack by the acidified atmosphere and aids in preventing discolouration by smoke.

Effect on Thermal Insulation: Loss of heat through wet brickwork, etc., is one and half times greater than when it is dry. Prevention of rain and damp penetration with FEBASILICON therefore aids in preserving the heat insulating properties of the wall.

Effect on Masonry: The application of FEBASILICON does not significantly change, darken or form a sheen on the surface treated.

Instructions for use

Preparation of Substrate

The surface to be treated should be dry and free from loose matter. Defective joints in brick and stonework should be re-pointed. It is not necessary to treat hair cracks, but large cracks should be made good and allowed to dry before treatment. Efflorescence should, as far as possible, be removed by brushing the surface of the re-pointed areas.

Application

Stir before use. Apply by brush or low pressure spray in one coat, in conditions of adequate ventilation. The FEBASILICON is flooded on to the surface so that a run down of approximately 300mm is obtained.

Coverage

Coverage will vary according to the porosity of the surface treated and will be from 8m² per litre on hard brickwork to 3m²/ltr on highly porous surfaces (the latter may require two coats).

Storage

Keep away from food. Store in unopened containers in cool, dry conditions away from sources of ignition and heat.

Shelf Life

Up to two years when stored as recommended.

Performance Data

Composition

Containing the optimum concentration of silicone resins with hydrocarbon solvents. The efficiency of FEBASILICON as a colourless permeability reducing compound is further improved by the addition of a dispersing agent ensuring maximum depth of penetration and rapid formation of a water repellent surface.

Specific Gravity @ 20°C	0.79
Flashpoint	32°C
Cleaning	Clean all equipment and brushes immediately after use with white spirit