

FEBSILICON
COLOURLESS SILICONE BASED SURFACE APPLIED
WATERPROOFER

Specification Type:

BS 3826

BS 6477

Description:

FEBSILICON is an external surface applied waterproofer for brickwork, cement rendering, concrete blocks, asbestos sheeting and certain types of natural and artificial stonework. FEBSILICON penetrates deeply beneath the surface to deposit a silicone barrier in the capillary channels, preventing rain penetration and helping to keep the surface clean.

Primary Uses:

To waterproof external brickwork, cement renderings, concrete blocks, asbestos and certain types of artificial stonework.

Advantages:

- Water repellent
- Deeply penetrating
- Colourless
- Long lasting
- Helps to reduce efflorescence
- Reduces heat loss
- Protects surface from discolouration due to pollution
- Easy to use
- Economical

Composition:

Containing the optimum concentration of the finest silicone resins with hydrocarbon solvents, the efficiency of FEBSILICON as a colourless waterproofing compound is further improved by the addition of a dispersing agent that ensures maximum depth of penetration and the rapid formation of a water repellent surface.

Because you get increased depth of penetration with FEBSILICON, its lasting life is far greater than that obtained with ordinary silicone solutions, it being estimated from accelerated weathering tests that a minimum life of 10 years can be expected.

Action:

When applied by brush or spray to surfaces of natural stonework, brickwork, cement renderings, concrete blocks, artificial stonework, cement paint and asbestos sheeting, it penetrates deeply beneath the surface to line the pores with a thin water repellent coating without changing the appearance or affecting the breathing property of the wall. This prevents rain and damp penetration, protects the surface from discolouration and weathering and aids in preventing efflorescence and palling of the surface from frost attack. In industrial areas, the sealing of masonry with FEBSILICON protects the surface from the attacking action of the acidified atmosphere and aids in preventing discolouration from the smoke laden air.

Effect on Thermal Insulation:

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

Effect on Masonry:

The application of FEBSILICON will slightly darken the surface treated. If required, the surface can be decorated afterwards with oil paints.

Properties:

Typical properties of FEBSILICON are as follows:

| | |
|------------------|--------------|
| Specific Gravity | 0.78 at 20°C |
| Colour | Colourless |

Directions for Use:**Preparation:**

The surface to be treated should be dry and free from loose matter. Defective joints in brick and stonework should be repainted. 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. Cement paints should be applied prior to application of the FEBSILICON.

Application:

Stir before use. Application should be by brush or low pressure spray in one coat, in conditions of adequate ventilation. The FEBSILICON is flooded on to the surface so that a rundown of approximately 300mm is obtained.

Watch Points:

- If allowed in contact with glass, wood, metal or similar, permanent staining will result.
- FEBSILICON should not be used below damp proof course level or below ground.
- FEBSILICON may inhibit adhesion of some subsequent decorative coatings and/or renders.
- Do not spray in confined areas without adequate ventilation.
- Special precautions should be taken to avoid contact with either skin or eyes.
- FEBSILICON is not recommended for use on below ground masonry.

Coverage:

Coverage will vary according to the porosity of the surface treated and will be from 6m² per litre on hard brickwork to 3m² on highly porous surfaces (the latter may require two coats)

Cleaning:

Clean all equipment and brushes immediately after use with white spirits or paint thinners.

Packaging:

FEBSILICON is available in 5 and 20 litre containers.

Storage:

Keep away from foodstuffs
Inflammable – flashpoint 38°C

Protect from heat and sources of ignition

AGITATE WELL BEFORE USE