

# PRODUCT DATA SHEET

## Feb<sup>®</sup> Febsilicon

external surface-applied waterproofer

### PRODUCT DESCRIPTION

Feb<sup>®</sup> Febsilicon is an external surface-applied water resistant compound for brickwork and certain types of natural and artificial stonework that 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.

### USES

To substantially reduce the water permeability of external brickwork and certain types of natural and artificial stonework; suitable for application to vertical surfaces only.

### CHARACTERISTICS / ADVANTAGES

- Deeply penetrating, water repellent.
- Colourless, long lasting.
- Protects surface from discolouration due to pollution.
- Helps to reduce efflorescence.
- Economical and easy to use.

### PRODUCT INFORMATION

<b>Packaging</b>	2.5ltr, 5ltr, 25ltr tin
<b>Appearance / Colour</b>	Clear
<b>Shelf Life</b>	Up to two years when stored as recommended.
<b>Storage Conditions</b>	Keep away from food. Store in unopened containers in cool (5°C - 25°C), dry conditions away from sources of ignition and heat.
<b>Density</b>	0.79 g/cm <sup>3</sup> at 20°C
<b>Flash Point</b>	32°C
<b>Consumption</b>	Coverage will vary according to the porosity of the surface treated and will be from 8m <sup>2</sup> per litre on hard brickwork to 3m <sup>2</sup> /ltr on highly porous surfaces (the latter may require two coats).

### 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 Feb<sup>®</sup> Febsilicon therefore aids in preserving the heat insulating properties of the wall.

### Effect on Masonry

The application of Feb<sup>®</sup> Febsilicon does not significantly change, darken or form a sheen on the surface treated.

### Composition

Containing the optimum concentration of silicone resins with hydrocarbon solvents. The efficiency of Feb<sup>®</sup> Febsilicon 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.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

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 Feb® Febsilicon is flooded on to the surface so that a run down of approximately 300mm is obtained.

### CLEANING OF TOOLS

Clean all equipment and brushes immediately after use with white spirit.

### VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

### LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

### LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

#### EVERBUILD BUILDING PRODUCTS LTD

Site 41, Knowsthorpe Way  
Cross Green Industrial Estate  
Leeds, LS9 0SW  
Tel: 0113 240 3456  
Web: [www.everbuild.co.uk](http://www.everbuild.co.uk)  
Twitter: @everbuild

#### SIKA LIMITED

Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited

#### Product Data Sheet

Feb® Febsilicon  
May 2018, Version  
01.01  
02189010000000081

2 / 2



**BUILDING TRUST**

