



# SOFEXSIL 40A

Water Repellent  
TU 2229-008-42942526-00

DATA SHEET

## FEATURES

► Imparts water repellency to a wide variety of substances.

## BENEFITS

- Reduces water absorption into the substrate.
- reducing spalling due to freeze-thaw and efflorescence.
- Increasing the life of the substrate.
- Colorless and non-yellowing protection preserves the natural appearance of the substrate.
- Penetrating and breathable.
- Low VOC.
- Nonflammable.

## COMPOSITION

- Water-dilutable potassium methyl silicate solution modified by aluminium.
- Clear to slightly yellow.

## HOW TO USE

### As a Surface Treatment

*Sofexsil 40A* Water Repellent is diluted to a concentration of 3 percent solids or less prior to application. Do not use concentrations higher than 3 percent solids unless prior testing indicates a necessity. The use of higher concentrations than required may result in the formation of a white residue on the surface. Users should test the concentration to be applied on the substrate prior to use.

After application of the silicone solution, allow the treated surface to dry for at least 24 hours to develop maximum water repellency.

## APPLICATIONS.

- As a surface treatment in applications that utilize its ability to impart a water repellent surface and reduce water absorption.
- For use on bricks, sandstone, limestone, and ceramics.
- Gypsum plasterboard, gypsum blocks treatments (hydrophobing).

## TYPICAL PROPERTIES

Test	Result
Total Solids Content, 90 min at 150°C	49-52 %
Silicon Solids Content	6-8 %
Specific Gravity at 25°C	1.33-1.4
pH	13-14
Solvent (thinner)	Water

## Application Methods

Dilute solutions of *Sofexsil 40A* Water Repellent can be applied by dipping, spraying or brushing.

## Application Precautions

- Always test the concentration on a small sample of the material to determine the suitability of your specific use.
- Surfaces to receive the water-soluble silicone should be lightly dampened immediately prior to application.
- This water-soluble silicone does not wet surfaces that have been previously treated with silicone or another water repellent treatment.

When spraying *Sofexsil 40A* Water Repellent, great care should be taken to protect nearby vegetation or articles from overspray. The material is very caustic. It will damage or kill vegetation and will stain or etch glass, plastic, aluminum and most metals. If contact does occur, wash immediately with water.

## PACKAGING

*Sofexsil 40A* Water Repellent is available in 1,3 kg, 60 kg, 230 kg cans available upon request.