



SILIFOB V

Water-repellent impregnation



PRODUCT DESCRIPTION AND USE

Silifob V is a water-repellent impregnation, based on silicates. It is used as a final coating to protect vertical and inclined surfaces, made of inorganic porous materials, from rain and humidity. Due to excellent penetration properties, it enables deep pore penetration and, after the complete evaporation of water and termination of chemical reaction (after ca. 24 hours), forms an invisible surface impregnation.

Using **Silifob V** has the following advantages:

- reduced efflorescence,
- because of reduced water absorption, the heat needed for water evaporation is saved – provides heat insulation,
- vapour permeability remains unchanged – walls breathe normally,
- structure and colour of the material remain unchanged,
- improved resistance to algae, fungi and mould – protected surfaces remain clean for a long time.

Silifob V is typically used for the protection of:

- roof tiles, silicate bricks, gas concrete, white mineral renders, gypsum products.

Note:

- **Silifob V** must not be used on dark or coloured, badly absorbing or alkali surfaces, i.e. on fresh plaster and concrete.
- Plasters and gas concrete have to be at least 28 days old before the application of **Silifob V**.
- **Silifob V** does not bridge cracks wider than capillary cracks.
- **Silifob V** does not glue together loosely bound parts of the material.

CHARACTERISTICS

	Property
Appearance	colourless liquid
Density, 20°C	1,02 kg/dm ³
pH	12 ± 1

CONSUMPTION

- Usually 0,2 – 0,5 kg/m² of surface, depending on the type, porosity and roughness of the surface.

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INSTRUCTIONS FOR USE

- **SURFACE PREPARATION**
Surfaces treated with **Silifob V** have to be sound (without damages or deep cracks), clean, dry, free from dust and oil. Before the application of **Silifob V**, glass and aluminium surfaces have to be protected to prevent damage. All other surfaces which will not be impregnated have to be protected as well.
- **APPLICATION**
Silifob V is applied by brushing or spraying.
- **CLEANING THE TOOLS**
Tools have to be washed with water immediately after use.

PACKING

- 10 kg and 50 kg plastic cans.

STORAGE

- Store the product in tightly closed packaging, protected from damage and freezing.
- In tightly closed and undamaged packaging, stored at normal temperatures, the shelf life of the product is min. 2 years from the production date.
- The product may still be used after the date of expiry, but the characteristics important for the intended use have to be examined.

SAFETY PRECAUTIONS

Silifob V is an alkali material which irritates the skin and the eyes. When handling the product, protective gloves and goggles should be used. In case of skin or eye contact, wash the affected skin area immediately and thoroughly rinse the eyes with water, then seek medical advice. Clothing and footwear impregnated with **Silifob V** have to be changed.

General instructions for working with chemicals should be observed when working with **Silifob V**:

- Eating, drinking or smoking during work is prohibited.
- After finishing work, hands should be thoroughly washed with water.

NOTE

Instructions are given on the basis of examinations and technical experience of the firm. Due to specific conditions and work methods, preliminary tests are advised for every type of use. Since we cannot influence the course of work, we cannot be held responsible for its quality.