

SANATHERM® B silikon

Serial Number 0302

facade paint based on polymer resin silicone

Features:

SANATHERM B silikon is a single component silicone coating designed primarily for outdoor use, made from aqueous polymer dispersion siliconized resins, special additives, pigments and fillers. It has excellent resistance to weather, excellent water repellency, low water permeability, and very low vapor diffusion resistance.

Usage:

SANATHERM B silikon is mainly used for surface treatment of mineral materials such as plaster, concrete, bricks, building stone, etc. It is suitable for painting facades, which must endure large quantities of water vapor.

Technical data:

Dry matter	min. 55 wt. %
Specific weight	1,45 g /cm ³
pH	9,0–11,0
Viscosity Brookfield	11–15 Pa.s
Adhesion to concrete	min. 0,9 MPa
Frost resistance of concrete	25 cycles
Waterproof on concrete	0,1 l/m ² per 0,5 hours
The equivalent diffusion thickness	0,06 m
Contain of volatile organic compounds (VOC):	
Category/subcategory of product	A/c
Max. volume VOC in product	20,5 g/l
	0,0141 kg/kg
TOC	0,0082 kg/kg

Shades:

white

Centre **COLOR SYSTEM AUSTIS** tones and shades according to different swatches (choice from more than 8000 shades is available).

Consumption:

0,3–0,6 kg/m²

Packaging:

3 kg, 6 kg, 12 kg plastic containers

Storage:

Store (in the original unopened packaging) between 5–25 °C. It must not freeze!

Surface preparation:

The surfaces must be smooth, clear of lime efflorescence and matured for 4–6 weeks. It must be rid of the old lime and other non-stick coatings or grease (**ETERNAL odmašťovač** concentrate solution or other suitable detergent followed by a water rinse) and dry. Surface must be primed. Priming is done exclusively by means of penetrating agent **FORTE penetral** or **SANATHERM PN**.

Application:

The prepared surface can be painted with **SANATHERM B silikon** by paint brush, roller or spray in two layers. The second layer is applied after the first has dried, i.e. drying time depends on the weather conditions (from 4–24 hours). Facade paints can be diluted with water up to 10 wt. %. **SANATHERM B silikon** can be applied at temperatures between 5–30 °C. It cannot be applied on direct intense sunlight. Used equipment should be washed with water after the work is finished. When working, it is recommended to have a container of water at hand for the continuous cleaning of tools.

Certification:

TZÚS Prague. Authorized Body No. 204

Waste disposal:

Described on safety data sheet of the product.

Safety and hygiene at work:

SANATHERM B silikon is classified as hazardous. It contains a terbutryn and octhilonone. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. The product is a treated article, contains a biocidal product. It contains a reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5] and octhilonone (ISO) [ES: 247-761-7]. May cause an allergic reaction. Avoid any release to the environment. Wear protective gloves/protective clothing/eye protection/ face protection. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/container in accordance with the relevant national legislation. In case of contact with eyes, flush immediately with water. If irritation does not stop, seek medical help. If accidentally swallowed, seek medical help. Do not induce vomiting. Other details are on the Safety data sheet of the product.