

Silicone cream 502

Hydrophobizer for surface treatment of concrete and reinforced concrete

Description

Emulsion of reactive polydimethylsiloxane in an aqueous solution of potassium methylsiliconate and polyester.

Features

- Penetrates deeply into the pores, while not clogging them, thus preserving breathability of materials;
- solvent free, water soluble and environmentally safe;
- low volatility;
- high resistance to alkalis;
- thixotropic;
- increased durability and resistance to the effects of freeze-thaw cycles and salts;
- provides good adhesion to paints.

Applications

For impregnation and priming of concrete and reinforced concrete, used for construction of bridges, roads and buildings.

Storage

The shelf life is 6 months at temperature from 5 °C to 30 °C. Store in original containers separately from acids. Protect from direct sunlight.

Storage over the date specified on the label does not necessarily mean the product is unusable. In case if store more please check the properties of product before use.

Packing

- Polyethylene drums with a capacity of 50 dm³;
- combined barrels (steel - polyethylene) with a capacity of 200 dm³;
- polyethylene containers with a capacity of up to 1 m³.

Do not store in containers painted inside, or containers made of aluminum.

Product specification

Appearance	Cream from white to light yellow color	organoleptically
Odor	Neutral	organoleptically
Density at (25,0±0,5)°C, g/cm	About 1,02	EN ISO 2811-1
Active substance content, %, at least	50	

For more information please contact your nearest representative of Unisil Hungary Kft.

LIMITED WARRANTY PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose. Unisil Hungary Kft warrants only that the product meets its specifications in effect at the time of delivery.

How to use

Preparation of the surface: New surfaces must be cleaned of large particles and dust by sweeping or blowing with compressed air. Old surfaces must be thoroughly cleaned: remove flaking particles that are loosely bonded to the substrate, remove dust and other contaminants. It is recommended to clean the surface with high pressure washers, steam cleaner, water jet or mechanically. After wet cleaning, allow the surface to dry. It is recommended to apply the product on a dry, clean, dust-free surface.

Concrete cannot be treated with the product for at least four weeks after its manufacture, to prevent affecting on its hardening.

The method of application at surface treatment:

The cream is applied by airless method, undiluted, providing desired thickness with a paintbrush, roller or spatula.

The consumption depends on the porosity of the material being processed.

The amount of product up to 400 g/m² can be used at one application to vertical surfaces and roofs without loss of material.

The cream should not contact directly with bitumen.

It is recommended to use in dry weather at a temperature of 5 °C to 25 °C. In case of unexpected rain, it is necessary to cover already impregnated surfaces and to stop further processing.

The active ingredient silane penetrates into the material from 30 minutes to several hours, the exact time depends on the porosity and, consequently, on the quality of the concrete.

Safety instructions

Detailed instructions are given in the relevant product safety data sheet. It can be provided upon request from the Unisil Hungary Kft or printed from the website Unisil Hungary Kft www.unisil.eu.