



TECHNICAL SHEET



Product name:

PRIMALIT UV FILTR SAPage: 1/2
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Characteristics:	Silicon-acrylic paint for roof structures and polyurethane foams.
Description:	Single-pack water-thinnable paint with increased vapor permeability, formulated on the basis of polysiloxane emulsion and acrylic dispersion. After drying, the applied substance creates an elastic film with excellent adhesion to the substrate.
Composition (general):	Mixture based on silicon-acrylic dispersion.
Application:	It is used to protect sprayed polyurethane foams from UV radiation and atmospheric effects in roof and facade structures and roof paints with the surface based on bitumen felts, not exceeding an area of 1500 m ² . It is suitable mainly for the refurbishment of old roof coatings. The substance features good adhesion strength to polyurethane foams and asphalt as well as silicate substrates. The coatings feature high resistance to alkaline hydrolysis. The elastic properties are kept even at minus temperatures and they are capable of transmitting the stress resulting from the linear changes and covering possible cracks in the substrate.
Colors:	It is produced in gray color, or in other colors as agreed.
Properties:	Paint:
Density (g/cm³):	1.25 - 1.5
Volume solids ONL (%):	45 - 55
Weight solids (%):	60 - 65
KU viscosity:	80 - 100
Flow time by use of flow cups F6 (s):	not measurable
pH (at 20 °C):	8 - 10
VOC (volatile organic compounds) (kg/kg):	0.02 - 0.03
0.006 TOC (total organic carbon content) (kg/kg):	0.01 - 0.02
Maximum permissible value of VOC content (g/l):	140
Max. VOC content in the product in the ready-to-use condition (g/l):	45
Water-thinnable paint category:	A/i single-pack paints with a special function.
Appearance/color:	thixotropic fluid
Gloss value (at 60°):	matte
Miscibility:	miscible with water
Adhesion by the grid-cutting method:	degree 0 (cut edges are completely smooth and free of any defects)
Drying, degree 1 (surface dry):	30 min
Drying time, degree 2 (dry to the touch):	50 min
Drying time, degree 4 (dry-through):	5 hrs
Substrate preparation:	The substrate must be dry and free from mechanical and greasy impurities. Absorbent substrates should be impregnated with PRIMER B.
Application conditions:	During the paint application and drying, the temperature of the air and the substrate must not fall below +10 °C. During drying, the paint must not be exposed to rain or running water.
Thinning:	The substance in the supplied consistency is ready to be used directly without thinning.
Recommended method of application:	Using paint rollers, asphalt brushes, paint brushes or by spray painting.
Application data:	The mixture should be applied to the substrate at least in 2 layers with a time lag of 24 hours. For demanding applications in repairs to bitumen felt roof structures, the use of grid fabrics reinforcement and the increase in the number of coatings are recommended.



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Spreading capacity and recommended thickness:	Maintenance coatings 0.3 - 0.5 kg/m ² , polyurethane foam coatings 0.7 - 1 kg/m ² , for reinforced bitumen felt substrates 1.5 - 2 kg/m ² .
Packaging:	Plastic container of 1.5 - 45 kg or galvanized barrels of 200 - 250 kg.
Storage:	Store in original, well-closed containers in cool, dry and well-ventilated areas at a temperature from +5 to +25 °C. Protect from freezing. Keep the mixture separated from drinks, foodstuff, feedstuff and medicine. Store away from the reach of children. The shelf life is a minimum of 12 months from the date of manufacture. The product must not freeze.
Disposal of packaging and waste:	Product residues and contaminated packaging shall be disposed of as hazardous waste in accordance with the applicable regulations.
Safety and hygiene:	Observe the principles of personal hygiene. Ensure good ventilation of the workplace. During application, wear respiratory protection. If on the skin, wash the affected areas with soap and water. If in the eyes: rinse with water. If swallowed, rinse mouth with water, do not induce vomiting. In case of health difficulties, seek medical attention.
Legislation, certificates, attestations, other tested parameters:	See the Declaration of Conformity