



# TECHNICAL SHEET



Product name:

**PRIMALIT UV FILTR**

Page: 1/2

Date: 13.4.2016

<b>Characteristics:</b>	Water-thinnable waterproofing paint
<b>Description:</b>	Protective waterproofing paint for roof structures and polyurethane foams.
<b>Composition (general):</b>	Mixture based on acrylic dispersions.
<b>Application:</b>	<p>The paint is intended to protect sprayed polyurethane foams from UV radiation and atmospheric effects in roof and facade structures, protective and refurbishment roof paints with the surface based on bitumen felts not exceeding an area of 1500 m<sup>2</sup>. After drying, the applied substance forms an elastic foil with perfect adhesion to the substrate. It features very good adhesive strength to polyurethane foams and asphalt as well as silicate substrates.</p> <p>The paints feature high resistance to the effects of water, UV radiation, temperature fluctuations and resistance to alkaline hydrolysis. The elastic properties remain even at minus temperatures and they are capable of transmitting the stress resulting from the linear changes and covering possible cracks in the substrate.</p> <p>It is suitable mainly for the refurbishment of old roof coatings.</p>
<b>Colors:</b>	It is produced in white, gray, russet and gray-green colors, or in other colors as agreed.
<b>Properties:</b>	<b>Paint:</b>
<b>Density (g/cm<sup>3</sup>):</b>	1.25 - 1.5
<b>Volume solids ONL (%):</b>	45 - 55
<b>Weight solids (%):</b>	60 - 68
<b>KU viscosity:</b>	80 - 100
<b>Flow time by use of flow cups F6 (s):</b>	not measurable
<b>pH (at 20 °C):</b>	8 - 10
<b>VOC (volatile organic compounds) (kg/kg):</b>	0.02
<b>0.006 TOC (total organic carbon content) (kg/kg):</b>	0.01
<b>Maximum permissible value of VOC content (g/l):</b>	140
<b>Max. VOC content in the product in the ready-to-use condition (g/l):</b>	30
<b>Water-thinnable paint category:</b>	A/i single-pack paints with a special function.
<b>Appearance/color:</b>	thixotropic fluid
<b>Gloss value (at 60°):</b>	2 - 5
<b>Pendulum hardness (2H/80 °C):</b>	5%
<b>Miscibility:</b>	Miscible with water
<b>Adhesion by the grid-cutting method:</b>	degree 0 (cut edges are completely smooth and free of any defects)
<b>Drying, degree 1 (surface dry):</b>	20 min
<b>Drying time, degree 2 (dry to touch):</b>	25 min
<b>Drying time, degree 4 (dry-through):</b>	2 hrs 45min
<b>Substrate preparation:</b>	The substrate must be dry and free from mechanical and greasy impurities. Bitumen felt substrates and other absorbent substrates should be impregnated with PRIMER B.
<b>Application conditions:</b>	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.
<b>Thinning:</b>	The substance in the supplied consistency is ready to be used directly without thinning.
<b>Recommended method of application:</b>	Using paint rollers, asphalt brushes, paint brushes or by spray painting.
<b>Application data:</b>	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 an increase in the number of coatings are recommended.



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Page: 2/2

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<b>Spreading capacity and recommended thickness:</b>	Maintenance coatings 0.3 - 0.5 kg/m <sup>2</sup> , polyurethane foam coatings 0.7 - 1 kg/m <sup>2</sup> , for reinforced bitumen felt substrates 1.5 - 2 kg/m <sup>2</sup> .
<b>Packaging:</b>	Plastic container of 1.5 - 45 kg or galvanized barrels of 200 - 250 kg.
<b>Storage:</b>	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.
<b>Disposal of packaging and waste:</b>	Product residues and contaminated packaging shall be disposed of as hazardous waste in accordance with the applicable regulations.
<b>Safety and hygiene:</b>	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.
<b>Legislation, certificates, attestations, other tested parameters:</b>	See the Declaration of Conformity