

# ELIOVER 080

Rev. 11 of 10/04/2018

P. 1 of 2

Technical Data Sheet No. 1710060600

<b>Denomination</b>	ELIOVER 080
<b>Description</b>	Liquid waterproofing membrane
<b>Product details</b>	<p>Plastic permanent waterproofing membrane for roofs, consisting of water-based synthetic resins and slow-migration plasticizers that give excellent water repellency and long-lasting elasticity. It can withstand temperatures up to -30°C without undergoing alterations, when applied. The treated surfaces are suitable for pedestrian traffic at temperatures below + 35°C. To improve practicability during summer it is recommended to apply a coat of water-based finish Eliogrip (in the six colour choices) above the waterproofing membrane, when the external surfaces exceed + 35°C under the action of sunlight.</p> <p>In industrial warehouses or buildings with a barrel roof we recommend overcoating with Eliover 003 (albino bituminous aluminum) in order to increase outdoor resistance and repel sunlight.</p> <p>For applications on old bituminous membranes, apply a coat of Eliover 001/A ('albino' bituminous primer) to obtain a strong adhesion.</p>
<b>VOC Classification (Directive 2004/42/EC)</b>	<p>Mineral paints for external walls.</p> <p>EU limit value for this product (cat. A/a): 40 g/l (2010)</p> <p>This product contains max. 40 g/l VOC</p>
<b>Application system</b>	<p><b>MASONRY SURFACES</b></p> <p>Apply a coat of water-based fixative Eliofond Acrilico and, after drying, apply at least two coats of waterproofing membrane Eliover 080, as presented.</p> <p><b>OLD BITUMINOUS MEMBRANE OR BLACK TAR SURFACES</b></p> <p>Apply a layer of water-modified 'albino' bituminous primer, Eliover 001/A, that guarantees a perfect adhesive, consolidating and quick-drying capacity. Subsequently apply at least two coats of waterproofing membrane Eliover 080, as presented.</p>
<b>Practical advices</b>	<p>Room temperature: min. 5°C / max. 35°C</p> <p>Relative Humidity: min. 35% / max. 85%</p> <p>Substrate conditions: Dry</p>
<b>Available sizes</b>	13 liters - 5 liters - 2,5 liters - 0,750 liters
<b>Storage</b>	<ul style="list-style-type: none"><li>Keep container tightly closed in a dry, cool place</li><li>Storage temperature: up to 5°C / below 40°C</li><li>Shelf life: 24 months under optimal temperature and RH (relative humidity) conditions</li></ul>
<b>Safety standards</b>	<p><b>Product labeled according to Regulation 1272/2008 (CLP).</b></p> <p>For further information, reference should be made to the related Material Safety Data Sheet.</p> <p>Empty containers or containers with slight film traces of dried residual product must be disposed of in accordance with local requirements.</p>



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Rev. 11 of 10/04/2018 P. 2 of 2  
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Technical features	Laboratory data observed at 20°C and 65% R.H.
Binder nature	Acrylic resins in water dispersion
Specific weight (during packaging)	1.070 ÷ 1.380 gr/liter
Dry residue	Colours (colour chart): weight 69,2 % ± 0,5 - volume 58,2 % ± 0,5 Transparent: weight 46,5 % ± 0,5 - volume 39,5 % ± 0,5
Colour	Trnasparent - 6 colours (of the colour chart)
Viscosity Brookfield RVT at 20°C and 20 rpm	Colours (colour chart).....27.000 ÷ 40.000 cps Transparent .....7.000 ÷ 7.600 cps
Filmability at low temperature	Good at + 5°C
pH after storage	8,0
Components	One
Dilution (V/V) - roller	As presented
Dilution (V/V) - brush	As presented
Thinner	Water, only for tools cleaning
Dry film total thickness	800 µm (microns)
Consumption	Colours (colour chart).....1,37 liters/m <sup>2</sup> Transparent.....2,03 liters/m <sup>2</sup>
Deep drying	within 24 hours
Suitable for pedestrian traffic	minimum 3 days
Overcoatable	min. 6 hours / max. indefinite
Dry film appearance Specular gloss at 85°	Colours (colour chart).....from < 10 to ≥ 5 gloss .....Matt Transparent .....from < 30 to ≥ 10 gloss .....Semi-matt
Resistance to washing No. of brush strokes	Excellent ≥ 5000
Alkali resistance	Alkali resistant. It can also be applied on cementitious substrates.
Water vapor permeability	Classification: Low Water vapor diffusion: < 15 g/m <sup>2</sup> .d (= in 24 h)
Dirt pick-up	Δ L --> ≤ 3,0.....Very low

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Resistance to temperature	from -30°C to +50°C (with temperatures above + 35 ° C, thermoplastic resin does not allow trafficability)
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