



Waterproofing membrane FATRAFOL 807

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Product description	<p>FATRAFOL 807 is the roofing membrane on the basis of PVC-P with underlay sheet of a non-woven PES-textile (mass per unit area of textile - cca 300 g/m²). It is resistant to UV-radiation and can be exposed to the direct weathering influences.</p> <p>FATRAFOL 807 has one edge of the sheet without non-woven textile due to enable a longitudinal band joining.</p>
Usage	<p>FATRAFOL 807 is identified especially for the sanitations of old asphalt coating roofing of flat roofs. The main membrane application is within sticking systems. The back membrane is furnished with a textile pad being suitable for the bitumen contact.</p>
Application	<p>The laying of FATRAFOL 807 can be made by specialized and for this purpose trained firms at the constructions. The membrane is applied conformable with fundamentals being set and described in a Construction and Technologic Instruction of the producer, being valid in the time of waterproofing providing.</p> <p>The membrane must be fixed to a stable part of a roofing coating by adhered (polyurethane glues, asphalt), possibly with mechanical anchoring. The kind of anchoring must be proposed for the particular applications so for being the membrane secured from the dimensional changes and wind suction.</p> <p>There is possible to join the membrane together by heat air weldings. The laying and jointing can be made under the temperature till up to -5 °C.</p>

Product data

FATRAFOL 807 meets the requirements of the Standard EN 13956.

Dimensions:

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity [m ²]
effective: 1.50 (-0.07; +0.15) total: 2.60 *)	total: 1300 (-6; +13) free edge: 60 (-10; +15)	15.4 (-0; +0.75)	20

*) informative value

Colour:

FATRAFOL 807 is produced in a basic colour of the upper layer of light grey RAL 7040 and in colour variant of dark grey RAL 7012, blue RAL 5015, green RAL 6000, red RAL 3016 and anthracite grey RAL 7016.

Paking, transport, storage:

FATRAFOL 807 is packed into the rolls, which are laid on the wood pallets and fixed by a packing film. FATRAFOL 807 must be transported in covered transporting means and stored in original closed packing. The recommended storage temperature is from -5 °C to +30 °C. There is necessary to protect the product from pollution at the building site. There is recommended to protect it from weathering influences till the processing time.

Technical parameters:

Characteristic	Test standard	Values
Visible defects	EN 1850-2	meets
Straightness	EN 1848-2	≤ 50 mm
Flatness	EN 1848-2	≤ 10 mm
Dimensional stability	EN 1107-2	max. ± 1 %
Maximum tensile force	EN 12311-2 method A	≥ 800 N/50 mm
Elongation at maximum tensile force		≥ 60 %
Tear resistance	EN 12310-2	≥ 250 N
Foldability at low temperature	EN 495-5	≤ -35 °C
Joint peel resistance	EN 12316-2	≥ 150 N/50 mm
Join shear resistance	EN 12317-2	≥ 650 N/50 mm
Water tightness, 400 kPa	EN 1928 method B	meets
Resistance to static load	EN 12730 method B	meets 20 kg
Reaction to fire	EN 13501-1	Class E
Impact resistance	EN 12691 method A	meets 1250 mm
	EN 12691 method B	meets 2000 mm
Exposure to UV radiation, elevated temperature and water	EN 1297	meets, grade 0
Water vapour properties - factor μ	EN 1931	8200 ± 30 %
Mass per unit area	EN 1849-2	2.20 kg/m ² (-0.11; +0.22) kg/m ²

Safety instruction	Safety at work and health protection There is necessary to keep all safety, hygienic and fire regulations valid in the time of laying and membranes joining.
Related documentation	<ul style="list-style-type: none">● Construction and technologic regulation of roofing waterproofing system FATRAFOL-S (PN 5415/2011)● Manufacturing control system certificate according to Standard ČSN EN 13956:2006, emitted by CSI, a. s., Prague, workstation Zlín
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