

Waterproofing membrane FATRAFOL 807

TL 5-1006-06

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05.07.2013

Product description

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.

FATRAFOL 807 has one edge of the sheet without non-woven textile due to enable a longitudinal band joining. The underlay non-woven textile of FATRAFOL 807/F is along the entire width of the band.

All the production variants are described by this Technical Data Sheet - further like FATRAFOL 807, only.

Usage

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.

Application

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.

The membrane must be fixed to a stable part of a roofing coating by sticking (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.

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.

Product data

FATRAFOL 807 meets the requirements of the Standard EN 13956.

Dimension

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity [m ²]
FATRAFOL 807			
effective: 1.50 (-0.07; +0.15) total: 2.60 *)	total: 1300 (-6; +13) free edge: 50 (±20)	15.4 (-0; +0.75)	20
FATRAFOL 807/F			
effective: 1.50 (-0.07; +0.15) total: 2.60 *)	1300 (-6; +13)	17.7 (-0; +0.8)	23
	1000 (-5; +10)	17.7 (-0; +0.8)	17.7

*) informative value

Colour:

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

Packing, 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 %
Tensile strength	EN 12311-2	≥ 800 N/50 mm
Elongation at break	method A	≥ 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 ± 2000
Mass per unit area	EN 1849-2	2,20 (-0,11; +0,22) kg/m ²

*) The samples meets also at the pressure of 60 kPa

Safety instruction

Scrap disposal

FATRAFOL 807 must be disposed conformable with valid legal regulations. The clear scrap can be recycled, scrap not suitable for recycling you can depony. Waste, polluted by dangerous substances, is necessary to dispose by burning in the incinerator of dangerous wastes.

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

- Construction and technologic regulation of roofing waterproofing system FATRAFOL-S
- Manufacturing control system certificate No. 1390-CPD-0028/07/Z of waterproofing membranes FATRAFOL 804, FATRAFOL 807, FATRAFOL 808, FATRAFOL 814 according to Standard ČSN EN 13956:2006, emitted by CSI, a. s., Prague, workstation Zlín

Producer

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