

Waterproofing membrane FATRAFOL 807

TL 5-1006-06

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Product description

FATRAFOL 807 (807/F, 807 AA) is the roofing membrane on the basis of PVC-P with underlay sheet of a non-woven PES-textile. It is resistant to UV-radiation and can be exposed to the direct weathering influences.

FATRAFOL 807 (807 AA) 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. FATRAFOL 807 AA has a higher fire resistance. 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 building organization 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. Under condition being laid in an area, it must be fixed to the underlay by sticking into melt asphalt with polyurethane glues, 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 joining can be provided under the temperatures from -5 °C.

Product data

FATRAFOL 807 meets the requirements of the Standard EN 13956.

Dimensions:

Thickness [mm] (ČSN EN 1849-2)	Width [mm] (ČSN EN 1848-2)	Length [m] (ČSN EN 1848-2)	Quantity [m ²]
FATRAFOL 807, FATRAFOL 807 AA			
effective: 1.50 (-0.07; +0.15)	total: 1300 (-6; +13)	15.4 (-0; +0.75)	20
total: 2.60 (±0.50)	free edge: 50 (±20)		
FATRAFOL 807/F			
effective: 1.50 (-0.07; +0.15)	1300 (-6; +13)	17.7 (-0; +0.8)	23
	total: 2.60 (±0.50)	1000 (-5; +10)	17.7

Colour: FATRAFOL 807 is produced in a basic colour of the upper layer of light grey - No. 2761 and in colour variants of dark gray - No. 2003, orange - No. 3105, red - No. 3104, blue - No. 9113 and glaucous - No. 7060.

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	ČSN EN 1850-2	meets
Straightness	ČSN EN 1848-2	≤ 50 mm
Flatness	ČSN EN 1848-2	≤ 10 mm
Water tightness to liquid state, 10 kPa *)	ČSN EN 1928 method B	meets
Reaction to fire	ČSN EN 13501-1	Class E
Characteristics of roof exposed to external fire	ČSN P ENV 1187	B _{ROOF} (t1)
Joint peel resistance	ČSN EN 12316-2	≥ 150 N/50 mm
Join shear resistance	ČSN EN 12317-2	≥ 650 N/50 mm
Tensile strength	ČSN EN 12311-2	≥ 800 N/50 mm
Elongation at brake	method A	≥ 60 %
Impact resistance	ČSN EN 12691 method A	meets 1250 mm
	ČSN EN 12691 method B	meets 2000 mm
Resistance to static load	ČSN EN 12730 method B	meets 20 kg
Tear resistance	ČSN EN 12310-2	≥ 250 N
Dimensional stability	ČSN EN 1107-2	max. ± 1 %
Foldability at low temperature	ČSN EN 495-5	≤ -35 °C
Exposition to UV-radiation, higher temperature and water	ČSN EN 1297	meets, grade 0
Water vapour properties - factor μ	ČSN EN 1931	8200 ± 2000

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

Safety instruction

FATRAFOL 807 is not classified as a dangerous substance in term of law of chemical substances.

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
- Certificate EN ISO 9001 and EN ISO 14001 No. PRA 0003830, emitted by LRQA

Producer

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