



Waterproofing membrane FATRAFOL 807/V

Účinnost: 07.06.2018

Vydání: 9

Product description	<p>FATRAFOL 807/V is the roofing membrane on the basis of PVC-P with underlay sheet of a non-woven PES-textile. The membrane is produced by multiple extrusion.</p> <p>It is resistant to UV-radiation and can be exposed to the direct weathering influences.</p> <p>One edge of the membrane is without non-woven textile due to enable a longitudinal band joining.</p>
Usage	<p>FATRAFOL 807/V is intended for adhered roofs. The membrane can be adhered to thermal insulation boards or directly on flat, load bearing substrate free of dust and free of particulates, or to the concrete plate, wood-based boards and similar. Appropriate polyurethane adhesives must be used.</p> <p>The membrane FATRAFOL 807/V is not suitable for mechanical fastening. Adhering to the top of bitumen membranes is generally not recommended. If FATRAFOL 807/V is intended to be laid directly on bitumen membrane's surface, it is necessary to consult with producer.</p> <p>It is necessary to apply a homogeneous sheet FATRAFOL 804 due to detail working.</p>
Application	<p>The laying of FATRAFOL 807/V can be made by specialized and for this purpose trained firms at the constructions. The waterproofing membrane is applied under conformity with valid mounting instructions.</p> <p>Adhesives being used for the membrane adhesion must ensure enough cohesion to the certain underlay.</p> <p>There is possible to join the membrane together by heat air weldings. A laying setting of the waterproofing membrane is necessary to provide under recommended temperatures of the adhesive producer; band jointing between each other can be made under the temperature till up to -5 °C.</p>

Product data

FATRAFOL 807/V meets the requirements of the Standard EN 13956.

Dimensions:

Effective thickness (PVC layer)[mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity [m²]
1.20 (- 0.06; + 0.12) *)	<u>total:</u> 2050 (- 10; + 20)	19 (- 0; + 0.95)	38.95
	<u>free edge:</u> 70 (± 10)		
	<u>total:</u> 1650 (- 10; + 20)	19 (- 0; + 0.95)	31.35
	<u>free edge:</u> 70 (± 10)	15 (- 0; + 0.75)	24.75
1.50 (- 0.07; + 0.15) **)	<u>total:</u> 2050 (- 10; + 20)	16 (- 0; + 0.8)	32.8
	<u>free edge:</u> 70 (± 10)		
	<u>total:</u> 1650 (- 10; + 20)	16 (- 0; + 0.8)	26.43
	<u>free edge:</u> 70 (± 10)	12 (- 0; + 0.6)	19.8

*) overall thickness 1.80 mm (informative value)

**) overall thickness 2.10 mm (informative value)

Colour:

FATRAFOL 807/V is produced in a colour of the upper layer of light grey RAL 7040 and dark grey RAL 7012.

Packing, transport, storage:

FATRAFOL 807/V is packed into the rolls, which are laid on the wood pallets and fixed by a packing film. FATRAFOL 807/V 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	Value	
		1.20 mm	1.50 mm
Visible defects	EN 1850-2	meets	meets
Straightness	EN 1848-2	≤ 50 mm	≤ 50 mm
Flatness	EN 1848-2	≤ 10 mm	≤ 10 mm
Dimensional stability	EN 1107-2	max. ± 1.0 %	max. ± 1.0 %
Maximum tensile force	MD CD EN 12311-2 method A	≥ 650 N/50 mm	≥ 700 N/50 mm
		≥ 650 N/50 mm	≥ 700 N/50 mm
Elongation at maximum tensile force	MD CD	≥ 80 % ≥ 80 %	≥ 80 % ≥ 80 %
Tear resistance	EN 12310-2	≥ 160 N	≥ 180 N
Foldability at low temperature	EN 495-5	≤ -25 °C	≤ -25 °C
Joint peel resistance	EN 12316-2	≥ 200 N/50 mm	≥ 250 N/50 mm
Joint shear resistance	EN 12317-2	≥ 600 N/50 mm	≥ 700 N/50 mm
Water tightness, 400 kPa	EN 1928 method B	meets	meets
Resistance to static load	EN 12730 method B	meets 20 kg	meets 20 kg
Reaction to fire	EN 13501-1	Class E	Class E
Resistance to impact	EN 12691 method A	meets 1000 mm	meets 1250 mm
	EN 12691 method B	meets 1500 mm	meets 2000 mm
Exposure to UV radiation, elevated temperature and water	EN 1297	meets, grade 0	meets, grade 0
Water vapour properties - factor μ	EN 1931	10000 ± 3000	10000 ± 3000
Mass per unit area	EN 1849-2	1.73 (-0.09; +0.18) kg/m ²	2.12 (-0.11; +0.22) kg/m ²
Resistance to root penetration	EN 13948 FLL test	meets	meets

MD - Machine Direction, CD - Cross Direction

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 No. 1390-CPD-0070/10/Z of waterproofing membranes FATRAFOL 807/V according to Standard ČSN EN 13956:2006/AC 2006-06, emitted by CSI, a. s., Prague, workstation Zlín
Legal Clause	The technical data contained herein are based on our current knowledge and experience and relate to the use of products under normal application conditions. The information that is included in the current technical data sheet is provided according to a method of use and is incomplete. Before using this product, the user has to check whether the product is suitable for intended use. In addition to that, all the users should contact the dealer or manufacturer of this product to obtain further technical information regarding its use if they are of the opinion that the information available to them requires any explanation, for both the normal and specific use of this product. Please always check that you have the latest version of the product technical data sheet at your disposal. This data sheet and further information can be obtained from the sales or technical representative of the manufacturer or at the website www.fatrafol.cz .
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Kdo

Kdy

Pro koho - -

Číslo výtisku

Konec dokumentu