



Waterproofing membrane FATRAFOL 804

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Product description	FATRAFOL 804 is a unreinforced roofing membrane on basis of PVC-P. It is resistant to UV-radiation and can be exposed to the direct weathering influences.
Usage	<p>FATRAFOL 804 is identified as a supplement of reinforced roofing system FATRAFOL-S only:</p> <ul style="list-style-type: none">● for detail finishing and broken roof surfaces insulated by membranes FATRAFOL● for transverse band joining of membrane FATRAFOL 807 (807/V) <p>FATRAFOL 804 must not be used as a waterproofing layer at any building constructions containing tars.</p>
Application	<p>The laying of FATRAFOL 804 can be made by specialized and for this purpose trained building firms at the constructions. FATRAFOL 804 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 can be mutual jointed by welding of hot air. The laying and jointing can be made under the temperature till up to -5 °C.</p>

Product data

FATRAFOL 804 fulfils 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]
1.50 (-0.07; +0.15)	1000 (-5; +10)	20 (-0; +1)	20
	1300 (-6; +13)		26
1.80 (-0.09; +0.18)	1200 (-6; +12)	15 (-0; +0.7)	18
2.00 (-0.10; +0.20)	1200 (-6; +12)	15 (-0; +0.7)	18
Tape			
1.50 (-0.07; +0.15)	50 (-2; +4)	32 (-0; +1.6)	1.6
		36 (-0; +1.8)	1.8
	100 (-2; +4)	32 (-0; +1.6)	3.2
		36 (-0; +1.8)	3.6
	125 (-2; +4)	32 (-0; +1.6)	4.0
		36 (-0; +1.8)	4.5
	150 (-2; +4)	32 (-0; +1.6)	4.8
		36 (-0; +1.8)	5.4
	200 (-2; +4)	32 (-0; +1.6)	6.4
		36 (-0; +1.8)	7.2
	250 (-2; +4)	32 (-0; +1.6)	8.0
		36 (-0; +1.8)	9.0
	400 (-2; +4)	32 (-0; +1.6)	12.8
	500 (-2; +4)	32 (-0; +1.6)	16.0

Colour:

FATRAFOL 804 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, white RAL 9010, copper browns RAL 8004, white-grey RAL 7047 and anthracite grey RAL 7016.

Packing, transport, storage:

FATRAFOL 804 is packed into the rolls, which are laid on the wood pallets and fixed by a packing film. FATRAFOL 804 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			
		1.50 mm	1.80 mm	2.00 mm
Visible defects	EN 1850-2	meets	meets	meets
Straightness	EN 1848-2	≤ 50 mm	≤ 50 mm	≤ 50 mm
Flatness	EN 1848-2	≤ 10 mm	≤ 10 mm	≤ 10 mm
Dimensional stability	EN 1107-2	max. ± 2 %	max. ± 2 %	max. ± 2 %
Tensile strength	EN 12311-2	≥ 13 N/mm ²	≥ 13 N/mm ²	≥ 13 N/mm ²
Elongation at break	method B	≥ 220 %	≥ 220 %	≥ 220 %
Tear resistance	EN 12310-2	≥ 100 N	≥ 115 N	≥ 130 N
Foldability at low temperature	EN 495-5	≤ -35 °C	≤ -35 °C	≤ -35 °C
Joint peel resistance	EN 12316-2	≥ 250 N/50 mm	≥ 250 N/50 mm	≥ 250 N/50 mm
Join shear resistance	EN 12317-2	≥ 720 N/50 mm	≥ 850 N/50 mm	≥ 960 N/50 mm
Water tightness 400 kPa	EN 1928 method B	meets	meets	meets
Resistance to static load	EN 12730 method B	meets 20 kg	meets 20 kg	meets 20 kg
Reaction to fire	EN 13501-1	Class E	Class E	Class E
Resistance to impact	EN 12691 method A	meets 1000 mm	meets 1000 mm	meets 1000 mm
	EN 12691 method B	meets 2000 mm	meets 2000 mm	meets 2000 mm
Exposure to UV radiation, elevated temperature and water	EN 1297	meets, grade 0	meets, grade 0	meets, grade 0
Water vapour properties - factor μ	EN 1931	16300 ± 30 %	16300 ± 30 %	16300 ± 30 %

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 membrane 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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