



TL 5-1005-06

Issue No.: 12

Uncontrolled printing

Effective from: 19.02.2024

Waterproofing membrane FATRAFOL 804

PRODUCT DESCRIPTION

FATRAFOL 804 is a non-reinforced waterproofing roof membrane made on the basis of plasticised polyvinyl chloride (PVC-P). The membrane is UV resistant and can be exposed to direct weathering.

TECHNICAL PARAMETERS

Parameter	Standard	Value for assigned thickness		
		1.50 mm	1.80 mm	2.00 mm
Visible defects	EN 1850-2	pass		
Streightness	EN 1848-2	≤ 50 mm		
Flatness	EN 1848-2	≤ 10 mm		
Mass per unit area	EN 1849-2	1.94 kg/m ²	2.32 kg/m ²	2.58 kg/m ²
Water tightness, 400 kPa	EN 1928 method B	pass		
Reaction to fire	EN 13501-1	class E		
Joint peel resistance	EN 12316-2	≥ 250 N/50 mm		
Joint shear resistance	EN 12317-2	≥ 720 N/50 mm	≥ 850 N/50 mm	≥ 960 N/50 mm
Tensile strength	EN 12311-2	≥ 13 N/mm ²		
Elongation at break	method B	≥ 220 %		
Impact resistance	EN 12691 method A	≥ 1000 mm		
	EN 12691 method B	≥ 2000 mm		
Resistance to static load	EN 12730 method B	≥ 20 kg		
Tear resistance	EN 12310-2	≥ 100 N	≥ 115 N	≥ 130 N
Dimensional stability	EN 1107-2	max. ± 2 %		
Foldability at low temperature	EN 495-5	≤ -35 °C		
Exposure to UV radiation, elevated temperature and water (5000 h)	EN 1297	pass, grade 0		
Water vapour properties - moisture resistance factor μ	EN 1931	16300 ± 30 %		

Mass per unit area tolerance: -5 % / +10 %

APPROVALS / CERTIFICATES

- Declaration of performance and CE marking according to EN 13956:2012

DIMENSIONS

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity on the roll [m ²] ^{*)}
1.50	2000	20.0	40.0
	1300	20.0	26.0
	125	32.0	4.0
1.80	1200	16.5	19.8
2.00	1200	15.0	18.0

The membrane can be produced in other dimensions upon agreement.

Thickness tolerance: -5 % / +10 %, width tolerance: -0.5 % / +1 %, length tolerance: -0 % / +5 %

**) informative value*

COLOUR AND APPEARANCE

Standard colour of the top layer is light grey ~ RAL 7035. Other colours of the top layer: dark grey ~ RAL 7012, red ~ RAL 3016, blue ~ RAL 5015, white ~ RAL 9010, green ~ RAL 6000, copper brown ~ RAL 8004, white-grey ~ RAL 7047, black-grey ~ RAL 7016. The colour of the bottom layer is grey, for white membranes it is white.

The colour shade of various production batches of the membranes may differ. Minor colour differences are not considered justified grounds for a claim.

FATRAFOL 804 has a smooth matt surface.

USAGE

FATRAFOL 804 is intended:

- only as an accessory to FATRAFOL reinforced waterproofing roof membranes
- for detailing of uneven surfaces of the roofs insulated with FATRAFOL
- for cross joints of FATRAFOL 807, 807/V and 807/G
- for patching of expansion joints of FATRANYL PVC coated metal sheets
- for the insulation of expansion joints on roofs
- for the production of detailed PVC accessories and patches

The membrane is not suitable for an all-over insulation of the entire roof. It is recommended to use at least 2 mm thick membrane for the insulation of particular details.

APPLICATION

FATRAFOL 804 can be laid on roofs only by specialised firms whose workers have been trained properly.

FATRAFOL 804 is applied in compliance with the principles determined and described in the Construction and Technological Instruction FATRAFOL-S (PN 5415/2011), as amended at the time of the membrane's application, which is available at www.fatrafol.cz.

STORAGE

Store at temperatures between -5 °C and +30 °C. On the site, it is necessary to protect the membrane against pollution. It is recommended to protect the membrane against weather effects until it is applied on the roof.

MORE INFORMATION

For more information, please see the manufacturer's website www.fatrafol.cz.

LEGAL CLAUSE

The technical data contained herein is based on our current knowledge and experience and relate to the use of the products under normal conditions for application. The information that is included in the current Technical Data Sheet is determined by the method of use and is incomplete. Before using this product, the user is obliged to check whether the product is suitable for the intended use. In addition to that, all users should contact the dealer or manufacturer of this product to obtain additional technical information regarding its use in case they are of the opinion that the information available to them requires some explanation, for both the standard and specific use of this product. Please always make sure that you have the latest version of the product's Technical Data Sheet at your disposal. This Data Sheet and additional information can be obtained from the sales or technical representative of the manufacturer or on the manufacturer's website.

PRODUCER

Fatra, a. s., třída Tomáše Bati 1541, 763 61 Napajedla, Czech Republic
tel.: +420 577 50 3325 (1111)
e-mail: studio@fatrafol.cz
<http://www.fatrafol.cz>

