

EC DECLARATION OF CONFORMITY



The produce declares conformity with the Directive no. 89/106/EEC, amended by the Directive 93/68/EEC:

Producer: Fatra, a.s. Napajedla, tř. Tomáše Bati 1541, Post-Code 763 61, Czech Republic

Production place: Fatra, a.s. Napajedla, tř. Tomáše Bati 1541, Post-Code 763 61, Czech Republic

The produce declares conformity with the following standards and technical specifications: EN 13956:2006, Enclosure ZA - Table ZA.1, system declaration of conformity 2+

Product: FATRAFOL 804

Characteristic	Test standard	Values of individual product thicknesses		
		1.50 mm	1.80 mm	2.00 mm
Visible defects	ČSN EN 1850-2	meets	meets	meets
Straightness	ČSN EN 1848-2	≤ 50 mm	≤ 50 mm	≤ 50 mm
Flatness	ČSN EN 1848-2	≤ 10 mm	≤ 10 mm	≤ 10 mm
Water tightness to liquid state, 10 kPa *)	ČSN EN 1928 method B	meets	meets	meets
Reaction to fire	ČSN EN 13501-1	Class E	Class E	Class E
Characteristics of roof exposed to external fire	ENV 1187	B _{ROOF} (t1)	B _{ROOF} (t1)	B _{ROOF} (t1)
Joint peel resistance	ČSN EN 12316-2	≥ 250 N/50 mm	≥ 250 N/50 mm	≥ 250 N/50 mm
Join shear resistance	ČSN EN 12317-2	≥ 720 N/50 mm	≥ 850 N/50 mm	≥ 960 N/50 mm
Tensile strength	ČSN EN 12311-2 method B	≥ 13 MPa	≥ 13 MPa	≥ 13 MPa
Elongation at brake		≥ 220 %	≥ 220 %	≥ 220 %
Impact resistance	ČSN EN 12691 method A	meets 1000 mm	meets 1000 mm	meets 1000 mm
	ČSN EN 12691 method B	meets 2000 mm	meets 2000 mm	meets 2000 mm
Resistance to static load	ČSN EN 12730 method B	meets 20 kg	meets 20 kg	meets 20 kg
Tear resistance	ČSN EN 12310-2	≥ 100 N	≥ 115 N	≥ 130 N
Dimensional stability	ČSN EN 1107-2	max. ± 2 %	max. ± 2 %	max. ± 2 %
Foldability at low temperature	ČSN EN 495-5	≤ -35 °C	≤ -35 °C	≤ -35 °C
Exposition to UV-radiation, higher temperature and water	ČSN EN 1297	meets, grade 0	meets, grade 0	meets, grade 0
Water vapour properties - factor μ	ČSN EN 1931	16300 ± 3000	16300 ± 3000	16300 ± 3000

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

Product description

FATRAFOL 804 (804 AA) 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. FATRAFOL 804 AA has a higher fire resistance. All the production variants are described by this Technical Data Sheet - further like FATRAFOL 804, only. FATRAFOL 804 is identified especially as a supplement of reinforced roofing FATRAFOL - membranes of broken roof surfaces and of


detail finishing. The membrane in thickness of 1.5 mm is identified for detail working, only. It is not suitable for full-area application, mechanical anchored roofing membrane.

The product has been judged by a **notified person** no. 1390: **Centre of Building Construction, Engineering, Joint Stock Company** (Centrum stavebního inženýrství, a.s. Praha.), workplace Zlín, K Cihelně 304, 764 32 Zlín-Louky, the Czech republic, IČ: CZ45274860, represented by Dipl. Ing. Petr Kučera, CSc.

On the basis of evaluation there was **issued**:

Factory production control certificate of the product :

- ES Certificate No.: 1390-CPD-0028/07/Z

Dipl. Ing. Ivo Špaček	
Head of quality and ecology department	Fatra, a.s. 184
Date 15.11.2010	tr. T. Ba 763 61 Napajedla