

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 810/V

Characteristic	Test standard	Values of individual product thicknesses			
		1.20 mm	1.50 mm	1.80 mm	2.00 mm
Visible defects	EN 1850-2	meets			
Straightness	EN 1848-2	≤ 50 mm			
Flatness	EN 1848-2	≤ 10 mm			
Dimensional stability	EN 1107-2	max. ± 0,3 %			
Tensile strength, MD CD	EN 12311-2 method A	≥ 1000 N/50 mm	≥ 1000 N/50 mm		
		≥ 1000 N/50 mm	≥ 1100 N/50 mm		
Elongation at brake MD CD		≥ 18 %			
		≥ 20 %			
Tear resistance MD CD	EN 12310-2	≥ 200 N			
		≥ 220 N			
Foldability at low temperature	EN 495-5	≤ -25 °C			
Joint peel resistance MD CD	EN 12316-2	≥ 260 N/50 mm			
		≥ 260 N/50 mm			
Joint shear resistance MD CD	EN 12317-2	≥ 1000 N/50 mm			
		≥ 1000 N/50 mm			
Water tightness to liquid state, 10 kPa *)	EN 1928 method B	meets			
Resistance to static load	EN 12730 method B	meets 20 kg			
Reaction to fire	EN 13501-1	Class E			
Impact resistance	EN 12691 method A	meets 1000 mm	meets 1250 mm		
	EN 12691 method B	meets 2000 mm			
Exposition to UV-radiation, higher temperature and water	EN 1297	meets, grade 0			
Water vapour properties - factor μ	EN 1931	21000 ± 3000			
Characteristics of roof exposed to external fire **)	ENV 1187	B _{ROOF} (t1), B _{ROOF} (t3), C _{ROOF} (t4)			

*) The membranes meet the test pressure of 60 kPa.

**) The FATRAFOL 810 AA achieved within a given ply-structure of roofing coat a classification of AA rating according to BS 476-3:1958.

MD - Machine Direction, CD - Cross Direction

Product description


FATRAFOL 810/V (810/V AA) is a roofing membrane on the basis of PVC-P reinforced with a polyester grid. It is resistant to UV-radiation and can be exposed to the direct weathering influences.

FATRAFOL 810/V (810/V AA) is produced by a multi-extrusion processing. FATRAFOL 810 AA has a higher fire resistance. FATRAFOL 810/V is identified first of all for making the one-layer coating coverings of flat roofs, mechanically anchored to the underley without loading layer. FATRAFOL 810/V can be used also for the roofs being partly loaded.

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 :
for Fatrafol 810/V – No: 1390-CPD-0033/06/Z

Dipl. Ing. Ivo Špaček	
Head of quality and ecology department	
Date 7.4.2011	Fatra, a.s. 084 tř. T. Bati 1541 763 61 Napajedla