

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

Characteristic	Test standard	Values of individual product thicknesses		
		1,20 mm	1,50 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	≥ 1000 N/50 mm/ ≥ 950 N/50 mm		
Elongation at brake MD/ CD	method A	≥ 15 %, ≥ 15 %		
Tear resistance MD/ CD	EN 12310-2	≥ 180 N/ ≥ 180 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	≥ 900 N/50 mm/ ≥ 850 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)		

*) 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

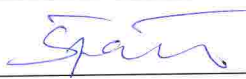
FATRAFOL 810 (810 AA) is a roofing membrane on the basis of PVC-P reinforced with a polyester grid. It is resistant to UV-radiation and can be exposed to the direct weathering influences.

FATRAFOL 810 (810 AA) is produced by calendering and lamination. FATRAFOL 810 AA has a higher fire resistance. FATRAFOL 810 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 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- No: 1390-CPD-0026/06/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