



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 P 918/V

Characteristic	Test standard	Values of individual product thicknesses		
		1.50 mm	1.8 mm	2.00 mm
Visible defects	EN 1850-2	meets	meets	meets
Straightness	EN 1848-2	≤ 30 mm	≤ 30 mm	≤ 30 mm
Flatness	EN 1848-2	≤ 10 mm	≤ 10 mm	≤ 10 mm
Dimensional stability	EN 1107-2	max. ± 0.5 %	max. ± 0.5 %	max. ± 0.5 %
Tensile strength	EN 12311-2	≥ 400 N/50 mm	≥ 450 N/50 mm	≥ 500 N/50 mm
Elongation at brake	method A	≥ 500 %	≥ 500 %	≥ 500 %
Tear resistance	EN 12310-2	≥ 150 N	≥ 170 N	≥ 200 N
Foldability at low temperature	EN 495-5	≤ -40 °C	≤ -40 °C	≤ -40 °C
Joint peel resistance	EN 12316-2	≥ 300 N/50 mm	≥ 300 N/50 mm	≥ 300 N/50 mm
Joint shear resistance	EN 12317-2	≥ 400 N/50 mm	≥ 450 N/50 mm	≥ 500 N/50 mm
Water tightness to liquid state, 10 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
Impact resistance	EN 12691 method A	meets 800 mm	meets 800 mm	meets 1000 mm
	EN 12691 method B	meets 1000 mm	meets 1000 mm	meets 1250 mm
Exposition to UV-radiation, higher temperature and water	EN 1297	meets grade 0	meets grade 0	meets grade 0
Water vapour properties - factor μ	EN 1931	140000 ± 20000	140000 ± 20000	140000 ± 20000
Characteristics of roof exposed to external fire	ENV 1187	B _{ROOF} (t1)	B _{ROOF} (t1)	B _{ROOF} (t1)


Product description

FATRAFOL P 918 is a roofing waterproofing membrane on a basis of thermoplastics polyolefines (TPO) with inbuild glass fleece. FATRAFOL P 918 is produced by multi-extrusion. The membrane is UV-radiation resistant and can be exposed to the direct weathering influences. It is resistant to current chemicals and tolerant to asphalt and polystyrene.

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-0265/07/Z

Dipl. Ing. Ivo Špaček	
Head of quality and ecology department	Fatra, a.s. 084
Date 15.11.2010	tř. T. Bati 1541 763 61 Napajedla