



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 13967, Enclosure ZA - Table ZA.1, system declaration of conformity 2+

Product: FATRAFOL 813/V, 813/VS

Characteristic	Test standard	Values of individual product thicknesses	
		1.50 mm	2.00 mm
Visible defects	EN 1850-2	meets	meets
Straightness	EN 1848-2	≤ 50	≤ 50
Square weight - informative value	EN 1849-2	2.02 kg.m ⁻²	2.70 kg.m ⁻²
Dimensional stability, MD	EN 1107-2	max. ± 0.5 %	max. ± 0.5 %
Tensile strength	EN 12311-2	≥ 720 N/50 mm	≥ 960 N/50 mm
Elongation at break	method A	≥ 200 %	≥ 200 %
Resistance to tear	EN 12310-1	≥ 400 N	≥ 550 N
Foldability at low temperature	EN 495-5	≤ -20 °C	≤ -20 °C
Joint strength	EN 12317-2	≥ 650 N/50 mm	≥ 860 N/50 mm
Water tightness to liquid state, 60 kPa	EN 1928 method B	meets	meets
Resistance to static loading	EN 12730 method B	meets 20 kg	meets 20 kg
Reaction to fire	EN 13501-1	Class E	Class E
Impact resistance	EN 12691 method A	meets 1500 mm	meets 1750 mm
	EN 12691 method B	meets 2000 mm	meets 2000 mm
Durability of watertightness ageing artificial ageing, 60 kPa	EN 1296	meets	meets
	EN 1928		
Durability of watertightness ageing chemicals, 60 kPa (Ca(OH) ₂ ; 10% NaCl)	EN 1847	meets	meets
	EN 1928		
Durability of watertightness ageing chemicals, 60 kPa (petroleum, transformer oil)	EN 1847	meets	meets
	EN 1928		
Water vapour transmission - factor μ	EN 1931	25000 ± 7000	25000 ± 7000

MD - Machine Direction

Product description

FATRAFOL 813/V, 813/VS is a waterproofing membrane on basis of plasticized polyvinylchloride with build-in glass fleece, T - type according to the ČSN EN 13967:2005/A1:2007 Standard. The membrane is produced by multiple extrusion. FATRAFOL 813/V,813/VS is also stable to high temperatures - has a high resistance and good chemical resistance to waters polluted with oil substances.


FATRAFOL 813/V is identified for clamped insulations of ground and underground constructions against to aggressive power- and percolating waters and for inlaying into the wall constructions in terms of the ČSN EN

14909:2006 Standard. FATRAFOL 813/VS - the signal layer enables simple checking of continuity of the coated waterproofing sheeting. The membrane can be used into surroundings, where there could come to contamination with oil substance - like there are - mineral oils and diesel fuel. The membrane is suitable first of all for jointing under high surrounding temperatures and for working the long vertical surfaces - on which it is not slacking.

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
Fatrafol 813/V, 813/VS: Certificate No.: 1390-CPD-0068/10/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