



**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 803, FATRAFOL 803/V**

Characteristic	Test standard	Values of individual product thicknesses				
		0.60 mm	0.80 mm	1.00 mm	1.50 mm	2.00 mm
Water tightness to liquid state, 60 kPa	EN 1928 method B	meets	meets	meets	meets	meets
Resistance to static loading	EN 12730 method B	meets 20 kg	meets 20 kg	meets 20 kg	meets 20 kg	meets 20 kg
Tensile strength	EN 12311-2 method A	≥ 420 N/ 50 mm	≥ 560 N/ 50 mm	≥ 700 N/ 50 mm	≥ 1050 N/ 50 mm	≥ 1400 N/ 50 mm
Elongation at break		≥ 250 %	≥ 250 %	≥ 250 %	≥ 250 %	≥ 250 %
Durability of watertightness againg artificial ageing, 60 kPa	EN 1296 EN 1928	meets	meets	meets	meets	meets
Durability of watertightness againg chemicals, 60 kPa (Ca(OH) <sub>2</sub> ; 10% NaCl)	EN 1847 EN 1928	meets	meets	meets	meets	meets
Impact resistance	EN 12691 method A	meets 600 mm	meets 600 mm	meets 900 mm	meets 1750 mm	meets 1750 mm
	EN 12691 method B	meets 2000 mm	meets 2000 mm	meets 2000 mm	meets 2000 mm	meets 2000 mm
Resistance to tear	EN 12310-1	≥ 100 N	≥ 150 N	≥ 200 N	≥ 400 N	≥ 600 N
Reaction to fire	EN 13501-1	Class E	Class E	Class E	Class E	Class E
Joint strength	EN 12317-2	≥ 340 N/ 50 mm	≥ 450 N/ 50 mm	≥ 560 N/ 50 mm	≥ 840 N/ 50 mm	≥ 1120 N/ 50 mm
Water vapour transmission, factor μ	EN 1931	25000 ± 7000	25000 ± 7000	25000 ± 7000	25000 ± 7000	25000 ± 7000
Square weight - informative value	EN 1849-2	0.76 kg.m <sup>-2</sup>	1.01 kg.m <sup>-2</sup>	1.27 kg.m <sup>-2</sup>	1.90 kg.m <sup>-2</sup>	2.54 kg.m <sup>-2</sup>
Straightness	EN 1848-2	meets	meets	meets	meets	meets
Visible defects	EN 1850-2	meets	meets	meets	meets	meets
Diffusion radon coefficient in isolation D	K 124/02/95 ČVUT Praha	7.0 . 10 <sup>-12</sup> m <sup>2</sup> .s <sup>-1</sup>	7.0 . 10 <sup>-12</sup> m <sup>2</sup> .s <sup>-1</sup>	7.0 . 10 <sup>-12</sup> m <sup>2</sup> .s <sup>-1</sup>	7.0 . 10 <sup>-12</sup> m <sup>2</sup> .s <sup>-1</sup>	7.0 . 10 <sup>-12</sup> m <sup>2</sup> .s <sup>-1</sup>

**Product description**

FATRAFOL 803 (803/V) is an unreinforced membrane on a base of plasticized polyvinylchloride (PVC-P), type T according to the Standard EN 13967. FATRAFOL 803 is produced by calendering and lamination, FATRAFOL 803/V by a multi-extrusion processing. All the production variants are described by this Technical Data Sheet - further like FATRAFOL 803, only.

FATRAFOL 803 is identified first of all for the clamped waterproofing of ground and underground buildings to aggressive pressure and sucking water and as a waterproofing layer of waterproofing systems to leakage of liquids and leaches into the ground waters. The membrane is suitable for insulation of tunnels, ground tanks, reservoirs, agricultural buildings, water constructions and dispose of industrial products, which chemical influence respond to the membrane resistance warranted by the producer. The applied membrane fulfils also a function of anti-radon barrier within its

waterproofed function. The membrane is not identified for the direct contact with drinking water and for the applications due to long-life exposition to the atmospheric influences, mostly UV-radiation.

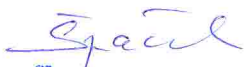
The product has been judged by a **notified person** no. 1390: Centre of Building Construction, Engineering, Joint Stock Company (Centrum stavebního inženýrství, a.s. Praha.), workplace Zlín, K Cihelně 304, 764 32 Zlín-Louky, the Czech republic., IČ: CZ45274860, represented by Dipl. Ing. Petr Kučera,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

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

- **Factory production control certificate** of the product

Fatrafol 803: Certificate No: 1390-CPD-0022/06/Z

Fatrafol 803/V Certificate No: . 1390-CPD-0546/08/Z

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