



DECLARATION OF PERFORMANCE

According Regulation (EU) No. 305/2011 of the European parliament and of the council

Producer: Fatra, a.s. Napajedla, třída Tomáše Bati 1541, Post-Code 763 61, Czech Republic
Production place: Fatra, a.s. Napajedla, třída Tomáše Bati 1541, Post-Code 763 61, Czech Republic
Area Code: 3

The produce declares conformity with the following standards and technical specifications: ČSN EN 13967:2005, Enclosure ZA - Table ZA.1, system declaration of conformity 2+

Product: EKOPLAST 806

Characteristic	Test Standard	Values of individual product thicknesses			
		0.60 mm	1.00 mm	1.50 mm	2.00 mm
Water tightness to liquid state, 60 kPa	ČSN EN 1928 method B	meets	meets	meets	meets
Resistance to static loading	ČSN EN 12730 method B	meets 20 kg	meets 20 kg	meets 20 kg	meets 20 kg
Tensile strength	ČSN EN 12311-2	≥ 420 N/50 mm	≥ 700 N/50 mm	≥ 1050 N/50 mm	≥ 1400 N/50 mm
Elongation at break	method A	≥ 250 %	≥ 250 %	≥ 250 %	≥ 250 %
Durability of watertightness againg artifical ageing, 60 kPa	ČSN EN 1296 ČSN EN 1928	meets	meets	meets	meets
Durability of watertightness againg chemicals, 60 kPa (Ca(OH) ₂ ; 10% NaCl; petroleum; gasoline Natural 95; engine oil 15 W-40; transformer oil)	ČSN EN 1847 ČSN EN 1928	meets	meets	meets	meets
Impact resistance	ČSN EN 12691 method A	meets 600 mm	meets 700 mm	meets 1250 mm	meets 1500 mm
	ČSN EN 12691 method B	meets 1500 mm	meets 1500 mm	meets 2000 mm	meets 2000 mm
Tear resistance	ČSN EN 12310-1	≥ 180 N	≥ 250 N	≥ 350 N	≥ 450 N
Reaction to fire	ČSN EN 13501-1	Class E	Class E	Class E	Class E
Joint strength	ČSN EN 12317-2	≥ 340 N/50 mm	≥ 560 N/50 mm	≥ 840 N/50 mm	≥ 1120 N/50 mm
Water vapour transmission, factor μ	ČSN EN 1931	18000 ± 3000	18000 ± 3000	18000 ± 3000	18000 ± 3000
Square weight - informative value	ČSN EN 1849-2	0.77 kg.m ⁻²	1.29 kg.m ⁻²	1.93 kg.m ⁻²	2.58 kg.m ⁻²
Straightness	ČSN EN 1848-2	meets	meets	meets	meets
Visible defects	ČSN EN 1850-2	meets	meets	meets	meets
Diffusion radon coefficient in isolation D	K 124/02/95 ČVUT Praha	5.2 · 10 ⁻¹² m ² .s ⁻¹	5.2 · 10 ⁻¹² m ² .s ⁻¹	5.2 · 10 ⁻¹² m ² .s ⁻¹	5.2 · 10 ⁻¹² m ² .s ⁻¹

Product description

EKOPLAST 806 is non reinforced membrane on base of plasticized polyvinylchloride (PVC-P), type T according to Standard EN 13967.

EKOPLAST 806 is first of all identified for the waterproofing of objects determined for handling and temporary storage of selected petroleum substances. It hinders leakage of petroleum substances into surface moisture and groundwater in the waterproofing system and simultaneously it fulfils a function of insulation being resistant to water

and effects as an efficiency anti-radon barrier. It is suitable e.g. for sealing of handling areas, emergency and leakage sumps against to leakage of gasoline, petroleum, diesel fuel and heating oil, furnace and transformer oils. There is possible to use it for the waterproofing systems of buildings like an inbuilt membrane, only. It is not determined as an upper coating layer and that is why it cannot be used for reservoir laying out due to store the petroleum substances for a longer time.


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
- Certificate No.: : 1390-CPD-0022/06/Z

Other requirements

The production and the product were qualified in terms of its impact on environment according to ČSN ISO 14025:2006 and EPD (Environmental Declaration about Product) No. 3013EPD-13-0247 dated 27.05.2013 was issued. EPD was attested by Research Institution of Building Construction - Classification Society, Ltd., Pražská 16, 102 21 Prague 10 – Hostivař

Dipl. Ing. Ivo Špaček	
Head of quality and ecology department	Fatra, a.s. 084
Date 25.6.2013	tř. T. Bati 1541 763 61 Napajedla