

TECHNICAL SHEET

IZOTEM PF 4kg

Waterproofing membrane with a polyester fleece carrier

Product description: IZOTEM PF 4kg is a waterproofing membrane made from a polyester fleece reinforcement, that is coated on both sides with plastomer (APP) modified bitumen. The membrane is protected on both sides by polymeric sheeting.

Characteristics of the product: IZOTEM PF 4kg meets the demands of the standards EN 13969 Type A. The mechanical characteristics of the polyester fleece give the product high resistance against penetration and tearing.

Characteristic	EN Method	Unit	Declaration EN 13707:2004+A2:2009 EN13969:2004 and EN 13969:2004/A1:2006
Reinforcement	polyester fleece		
Surface protection	polymeric sheeting / polymeric sheeting		
Length	1848-1	m	≥ 10
Width	1848-1	m	≥ 1
Straightness	1848-1	20mm/10m	pass
Mass per unit area	1849-1	kg/m ²	≥ 4.0
Watertightness	1928/2000	kPa	≥ 60
Durability of water tightness against artificial ageing by long term exposure to elevated temperature (12 weeks at 70°C)	1296/1928	kPa	≥ 10
Flexibility at low temperature	1109	°C	≤ -5
Resistance to tearing - longitudinal - transversal	12310-01	N	≥ 150 ≥ 150
Shear resistance to joints - longitudinal - transversal	12317-1	N	≥ 500 ≥ 350
Dimensional stability - longitudinal - transversal	1107-1	%	NPD NPD
Water vapor transmission properties, Sd	1931	μ	NPD
External fire performance	13501-5	class	F _{ROOF} (t1)
Reaction to fire	13501-1	class	E
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≥ 20
Resistance to impact	12691/A	mm	≥ 800
Tensile strength - longitudinal - transversal	12311-1	N/50mm	≥ 500 ≥ 350
Elongation - longitudinal - transversal	12311-1	%	≥ 30 ≥ 30
Content of hazardous substances	Annex ZA	/	does not contain

**Instruction for use
and installation:**

IZOTEM PF 4kg, is used regarding the demands of the standards for less demanding two or more layered waterproofing of vertical or horizontal underground parts of objects, i.e, the resistance to ponding water. It also can be used as secondary roofing in systems of inclined roofs. The membrane is installed by torch with 10cm overlaps, which must be waterproof. It is suitable for mechanical fixing.

**Storage and
transport:**

The rolls have to be stored in an upright position, protected against dampness and extreme temperatures. In winter it is recommended to store the rolls before installation for 24 hours at a temperature of over + 5°C.

The carrier is responsible for the correct transport.

**Disposal
considerations of
waste:**

For the removal of waste of product it is necessary to follow the valid local environmental regulations.

The product is in conformity with with **EN 13969:2004** and **EN 13969:2004/A1:2006**

Type A.



Number EC certificate of control of quality: **1404 – CPR – 2323**

The system of quality is conform with **EN ISO 9001** .