



IZOTEM REFLEX P 4.5kg

Waterproofing membrane with a polyester carrier

Product description: IZOTEM REFLEX P 4.5kg is a waterproofing membrane made from a polyester reinforcement, that is coated on both sides with bitumen. The membrane is on the upper side protected by mineral granules and on the bottom side by polymeric sheeting.

Characteristic of the product: IZOTEM REFLEX P 4.5kg meets the demands of the standards EN 13969 type A.

Characteristic	EN Method	Unit	Declaration EN 13969:2004 i EN 13969:2004/A1:2006
Reinforcement		polyester fleece	
Surface protection		mineral granules / polymeric sheeting	
Length	1848-1	m	≥ 10
Width	1848-1	m	≥ 1
Straightness	1848-1	20 mm/10m	pass
Mass per unit area	1849-1	kg/m ²	≥ 4.5
Water tightness	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	12310-1	N	≥ 150
• transversal			≥ 150
Shear resistance of joints			
• longitudinal	12317-1	N/50mm	≥ 500
• transversal			≥ 300
Water vapor transmission properties, Sd	1931	m	NPD
Reaction to fire	13501-1	class	E
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≥ 6
Resistance to impact	12691/A	mm	≥ 800
Tensile strength			
• longitudinal	12311-1	N/50mm	≥ 500
• transversal			≥ 300
Elongation			
• longitudinal	12311-1	%	≥ 35
• transversal			≥ 35
Content of hazardous substances	Annex ZA	/	does not contain

Use and installation:

IZOTEM REFLEX P 4.5kg, is used regarding the demands of the EN standards for less demanding one or more layered waterproofings of vertical or horizontal underground parts of objects, i.e. the resistance to ponding water. It can also be used as secondary roofing in systems of inclined roofs. The membrane is installed by torch or by gluing with 10cm overlaps.

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.



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The product is in conformity 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.

Producer:

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File:

Technical sheet

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