



IZOFLEX REFLEX P 4.5kg

Waterproofing membrane with a polyester fleece carrier and with elastomer(SBS) modified bitumen

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

Characteristics of the product: IZOFLEX REFLEX P 4.5kg meets the demands of the standards EN 13707. The SBS additions give high resistance against low and higher temperatures and excellent flexibility. Polyester fleece gives the product high resistance against penetration and tearing, mineral granules protect it against ageing and UV-light.

Characteristic	EN Method	Unit	Declaration
			EN 13707:2004+A2:2009
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
Flexibility at low temperature			
• surface	1109	°C	≤ -20
• bottom			
Flow resistance at elevated temperature	1110	°C	≥ 100
Resistance to tearing			
• longitudinal	12310-1	N	NPD
• transversal			NPD
Shear resistance to joints			
• longitudinal	12317-1	N/50 mm	NPD
• transversal			NPD
Dimensional stability			
• longitudinal	1107	%	≤ 0.6 l
• transversal			≤ 0.6 l
Water vapour properties	1931	μ	20000
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/A	kg	NPD
Resistance to impact	12691/B	mm	NPD
Tensile strength			
• longitudinal	12311-1	N/50mm	≥ 650
• transversal			≥ 400
Elongation			
• longitudinal	12311-1	%	≥ 30
• transversal			≥ 30
Flexibility at low temperature against artificial ageing by long term exposure to elevated temperature ((12 weeks at 70°C)	1296/1109	°C	≤ -15
Flow resistance at elevated temperature against artificial ageing by long term exposure to elevated temperature ((12 weeks at 70°C)	1296/1110	°C	≥ 90
Adhesion of granules	12039	%	≤ 30
Content of hazardous substances	Annex ZA	/	Does not contain

Use and installation: IZOFLEX REFLEX P 4.5kg. is used in two or more layered flat roof systems as top layer that protect roof from UV light and ageing.. The membrane is installed by torch with 10cm overlaps, which must be waterproof.

Storage and transport: The rolls have to be store 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 consideration of waste: For the removal of waste of product it is necessary to follow the valid local enviromental regulations.



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The product is in conformity with EN 13707:2004+A2:2009

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

The system of quality is conform with EN ISO 9001 .

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