



IZOSELF P3

Self-adhesive waterproofing membrane with polyester carrier and with elastomer modified bitumen

Product description

IZOSELF P3 is a self-adhesive waterproofing membrane made from a polyester reinforcement, on both sides coated with elastomere modified bitumen. The membrane is on one side protected with easily removable siliconized foil, on the other with polymeric sheeting.

Characteristics of the product

IZOSELF P3 meets the demands of the standards EN 13707, EN 13969 type A and type T. The high quality with elastomere modified bituminous mass gives flexibility at low temperatures and extraordinary adhesion on the surface, especially on all thermal insulation materials, enabling a quick and clean installation. The polyester reinforcement gives high elasticity and resistance to static and dynamic strains.

Characteristic	EN Method	Unit	Declaration EN 13707:2004+A2:2009, EN 13969:2004 and EN 13969:2004/A1:2006
Reinforcement		Polyester fleece	
Surface protection		siliconized foil / polymeric sheeting	
Length	1848-1	m	≥10
Width	1848-1	m	≥1
Straightness	1848-1	20mm/10m	pass
Thickness	1849-1	mm	≥ 2,7
Water tightness	1928	kPa	≥ 60
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 60
Flexibility at low temperature	1109	°C	≤ -20
Flow resistance at elevated temperature	1110	°C	≥ 80
Resistance to tearing			
• longitudinal	12310-1	N	≥ 150
• transversal			≥ 200
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥ 500
• transversal			≥ 400
Dimensional stability			
• longitudinal	1107-1	%	≤ 0,6
• transversal			≤ 0,6
Reaction to fire	13501-1	Class	E
External fire performance	13501-5	Class	F _{ROOF}
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≥ 20
Resistance to impact	12691/A	mm	≥ 400
Resistance to impact	12691/B	mm	≥ 1400
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 500
• transversal			≥ 400
Elongation			
• longitudinal	12311-1	%/50mm	≥ 30,0
• transversal			≥ 30,0
Flexibility at low temperature after artificial ageing by long term exposure to elevated temperature(12 weeks at 70 °C)	1296/1109	°C	* NPD
Flow resistance at elevated temperature after artificial aging by long term exposure to elevated temperature(12 weeks at 70 °C)	1296/1110	°C	* NPD
Content of dangerous substances	Annex ZA	/	no

* NPD – no performance determined

Use and installation

IZOSELF P3 is used in two or more layered systems for flat roofs as bottom or intermediate layer. It can also be used in two or more layer waterproofing systems of the underground parts of objects that are exposed to water pressure. The product can be installed in such a way that removes the protective film and while pressure at the base. Prior to preparing the ground with coating IBITOL HS is recommended (except in cases of heat-insulation and other related bases). Self-adhesive property is activated after a prolonged impact of higher pressures above layers. When is expected and required immediate self-adhesive property as examples of vertical surfaces or other surfaces which do not appear higher temperatures, the installation of product used to increase the adhesiveness with hot air. This procedure is recommended in all cases of applications.

Storage

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.

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 **EN 13707:2004+A2:2009, EN 13969:2004 and EN 13969:2004/A1:2006 Type A and Type T.**
Number EC certificate of control of quality: **1404 – CPR – 2107.**

The system of quality and handling of the environment is conform with EN ISO 9001 and 14001.

Producer

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Technical sheet

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