



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 SIST EN 13707, 13969 type A and SIST 1031. 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 SIST EN 13707, SIST EN 13969
Reinforcement		Polyester fleecce	
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} (t1)
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

Use and installation IZOSELF P3 is used regarding the demands of the SIST EN standards in waterproofing systems of the underground parts of objects that are not exposed to water pressure. In exceptional cases it can also be used in two- or more layered systems for flat roofs as bottom or intermediate layer. 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 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 **SIST EN 13707:2005+A2:2009**, **SIST EN 13969:2005** and **SIST EN 13969:2005/A1:2007 type A**, **SIST 1031:2011**.
Number EC certificate of control of quality: **1404 – CPD – 1059**.

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

