



IZOSELF V3

Self-adhesive waterproofing membrane with glass fleece carrier (SBS) and with elastomere modified bitumen

Product description

IZOSELF V3 is a self-adhesive waterproofing membrane made from a glass fleece reinforcement, on both sides coated with elastomere (SBS) 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 V3 meets the demands of the standards SIST EN 13969 type A and SIST 1031. The high quality with SBS 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 glass fleece reinforcement gives high elasticity and resistance to static and dynamic strains.

Characteristic	EN Method	Unit	Declaration SIST EN 13969
Reinforcement		glass 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	≥ 10
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 10
Flexibility at low temperature	1109	°C	≤ -20
Resistance to tearing			
• longitudinal	12310-1	N	≥ 50
• transversal			≥ 50
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥ 300
• transversal			≥ 200
Water vapour properties	1931	μ	20000
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≥ 1
Resistance to impact	12691/A	mm	≥ 200
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 300
• transversal			≥ 200
Elongation			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0
Content of dangerous substances	Annex ZA	/	no

Use and installation

IZOSELF V3 is used regarding the demands of the SIST EN standards for less demanding one or more layered waterproofing of vertical or horizontal underground parts of objects. It can also be used as secondary roofing in systems of inclined roofs. 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 13969:2005** and **SIST EN 13969:2005/A1:2007 type A** and **SIST 1031:2011**.

Number EC certificate of control of quality: **1404 – CPD – 1059**.

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