

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

Product description

IZOSELF V3 is a self-adhesive waterproofing membrane made from a glass fleece reinforcement, on both sides coated with elastomer (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 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	2,5 -10%
Water tightness	1928/2000	kPa	≥ 2
Durability of water tightness against artificial ageing	1928/2000	kPa	≥ 2
Flexibility at low temperature	1109	°C	≤ -20
Flow resistance at elevated temperature	1110	°C	≥ 80
Resistance to tearing			
• longitudinal	12310-1	N	≥ 50
• transversal			≥ 50
shear resistance of joints			
• longitudinal	12317-1	N/50 mm	300 -10%
• transversal			200 -10%
Water vapour properties	1931	μ	20000
Reaction to fire	13501-1	/	F
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≤ 5
Resistance to impact	12691	mm	≤ 10
Tensile properties			
• longitudinal	12311-1	N/50mm	300 -10%
• transversal			200 -10%
Elongation			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0
Flexibility at low temperature after artificial aging 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

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 membrane is applied by hot bonding, if the temperature is lower than +5°C, additional torching of the overlaps is recommended.

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.



The product is in conformity with 13969 type A and SIST 1031.

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

06

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