



IZOSELF AL PLUS

On one side self-adhesive waterproofing membrane with a glass fleece carrier, coated with Al foil and SBS modified bitumen

Product description

IZOSELF AL PLUS is a self-adhesive waterproofing membrane made from a reinforcement of glass fleece, on both sides coated with elastomer (SBS) modified bitumen. The membrane is on the upper side clad with thin Al-foil, on the bottom protected with an easily removable siliconized foil.

Characteristics of the product

IZOSELF AL PLUS meets the demands of standard SIST EN 13970. 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 quick and clean installation. The coated Al-foil gives the necessary vapour impermeability to the product.

Characteristic	EN Method	Unit	Declaration SIST EN 13970
Reinforcement		Glass fleece	
Surface protection		aluminium foil / siliconized foil	
Length	1848-1	m	≥ 20
Width	1848-1	m	≥ 1
Thickness	1848-1	mm	≥ 1,2
Straightness	1848-1	20mm/10m	pass
Water tightness	1928/2000	kPa	≥ 2
Resistance to impact	12691/A	mm	≥ 500
Resistance to impact	12691/B	mm	≥ 500
Flexibility at low temperature	1109	°C	≤ -30
Resistance to tearing			
• longitudinal	12310-1	N	≥ 90
• transversal			≥ 90
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥ 400
• transversal			≥ 300
Water vapor transmission properties	1931	μ	≥ 600 000
Water vapour transmission properties	1931	m	≥ 900
Durability of water vapour resistance against artificial ageing	1296/1931	change	< 50%
Reaction to fire	13501-1	/	F
Chemical resistance	1847/13969 Annex A	-	pass
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 450
• transversal			≥ 300
Elongation			
• longitudinal	12311-1	%/50mm	≥ 3,0
• transversal			≥ 3,0

Use and installation

IZOSELF AL PLUS is used regarding the demands of the EN standards as vapour barrier in systems of flat roof, tin profiled roofing. It can also be used for the protection of underground parts of objects, especially as protection against radon. The membrane is applied by hot bonding, if the temperature is lower than +5°C, additional slight torching of the overlaps is recommended. The edges of the T-overlaps should be cut off under an angle of 45°. On top of the vapour barrier thermal insulation can be installed immediately. In case the tensile strength of the thermal insulation is low, mechanical fastening on the surface 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 SIST EN 13970 .

08

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