



BITALBIT SELF

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

Product description

BITALBIT SELF is a self-adhesive waterproofing membrane made from glass fleece that is evenly coated with a thin layer of aluminum. The reinforcement is 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

BITALBIT SELF meets the demands of standards SIST EN 13969 type A and 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 aluminum gives the necessary vapor impermeability to the product.

Characteristic	EN Method	Unit	Declaration SIST EN 13970 SIST EN 13969
Reinforcement		glass fleece coated with aluminum	
Surface protection		polymeric sheeting / siliconized foil	
Length	1848-1	m	≥ 20
Width	1848-1	m	≥ 1
Thickness	1848-1	mm	≥ 1,5
Straightness	1848-1	20mm/10m	pass
Water tightness	1928	kPa	≥ 2
Resistance to impact	12691/A	mm	≥ 200
Resistance to static loading	12730/B	kg	≥ 1
Flexibility at low temperature	1109	°C	≤ -30
Resistance to tearing			
• longitudinal	12310-1	N	≥ 50
• transversal			≥ 50
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥ 400
• transversal			≥ 300
Water vapor transmission properties	1931	μ	≥ 400 000
Water vapour transmission properties	1931	m	≥ 1200
Durability of water vapour resistance against artificial ageing	1296/1931	change	<50%
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	-	pass
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 400
• transversal			≥ 300
Elongation			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0
Content of dangerous substances	Annex ZA	/	no

Use and installation

BITALBIT SELF is used regarding the demands of the EN standards as vapour barrier in systems of flat roof. It can also be used for the protection of underground parts of objects, especially as protection against radon. 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. 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.

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, SIST EN 13970:2005 and SIST EN 13970:2005/A1:2007 and SIST 1031:2011.**

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