



IZOSELF AL plus

On one side self-adhesive waterproofing membrane with a glass fleece carrier, coated with Al foil and elastomere 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 elastomere 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 standards EN 13970 and EN 13969 type A. 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 vapor impermeability to the product.

Characteristic	EN Method	Unit	Declaration EN 13970:2004 and EN 13970:2004/A1:2006 EN 13970:2004 and EN 13970:2004/A1:2006
Reinforcement		Glass fleece + aluminium foil	
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	mm/10m	≤20
Water tightness	1928	kPa	≥ 10
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 2
Resistance to impact	12691/A	mm	≥ 500
Resistance to static loading	12730/B	kg	≥ 5
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	≥ 835 000
Water vapor transmission properties	1931	m	≥ 1000
Durability of water vapor 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	≥ 450
• transversal			≥ 300
Elongation			
• longitudinal	12311-1	% / 50mm	≥ 3,0
• transversal			≥ 3,0
Content of dangerous substances	Annex ZA	/	no

Use and installation

IZOSELF AL plus is used as vapor 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 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 HS 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 **EN 13970:2004 and EN 13970:2004/A1:2006, and EN 13970:2004 and EN 13970:2004/A1:2006.**

Number EC certificate of control of quality: **1404 – CPR – 2107.**

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



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Producer

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Technical sheet

IZOSELF AL plus/16-01