



IZOSEK

Bituminous membrane from glass fleece carrier and with plastomer modified bitumen

Product description IZOSEK is made from a glass fleece, which is totally impregnated with APP modified bitumen. On the upper side it is protected by PP fleece and on the bottom by fine sand.

Characteristics of the product IZOSEK meets the demands of the standards SIST EN 13859-1 type W1 and SIST 1031.

Characteristic	EN Method	Unit	Declaration SIST EN 13859-1
Reinforcement		Glass fleece	
Surface protection		PP fleece / fine sand	
Length	1848-1	m	≥25
Width	1848-1	m	0,995 do 1,015
Thickness	1848-1	mm	≥ 0,7
Mass per unit area	1849-1	kg/m ²	≥ 0,7
Straightness	1848-1	30mm/10m	pass
Resistance to water penetration	1928/2000	class	W1
Resistance to water penetration after artificial ageing by long term exposure to elevated temperature(12 weeks at 70 ° C)	1296/1928	class	W1
Flexibility at low temperature	1109	°C	≤ -25°C
Resistance to tearing			
• longitudinal	12310-1	N	≥ 50
• transversal			≥ 50
Dimensional stability			
• longitudinal	1107-1	%	≤ 0,6
• transversal			≤ 0,6
Water vapour transmission properties	1931	m	< 40
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	N/50mm	pass
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 350
• transversal			≥ 250
Tensile strength after artificial ageing by long term exposure to elevated temperature (12 weeks at 70 ° C)			
• longitudinal	12311-1	%/50mm	≥ 250
• transversal			≥ 150
Elongation			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0
Elongation after artificial ageing by long term exposure to elevated temperature(12 weeks at 70 ° C)			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0

Use and installation IZOSEK is used regarding the demands of the SIST EN standards as secondary roofing in systems of ventilated inclined roofs, or as temporary protection against dampness. It is installed on boarded surfaces with 10 cm overlaps. It can also be used in systems covered with bituminous shingles. In respect to its resistance against weather influences, it can be exposed to weather influences up to 3 months, but it has to be adequately mechanically fastened and protected against wind.

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 13859-1:2010 type W1 and SIST 1031:2011.**

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