

Bituminous membrane from polyester fleece carrier and with plastomer modified bitumen

Product description

IZOSEK plus 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 plus 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		Polyester fleece	
Surface protection		polyester fleece / talk	
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	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
Resistance to tearing			
• longitudinal	12310-1	N	≥ 150
• transversal			≥ 150
Dimensional stability			
• longitudinal	1107-1	%	≤ 0,6
• transversal			≤ 0,6
Water vapour transmission properties	1931	m	< 50
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	-	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	N/50mm	≥ 300
• transversal			≥ 200
Elongation			
• longitudinal	12311-1	%/50mm	≥ 25
• transversal			≥ 25
Elongation after artificial ageing by long term exposure to elevated temperature (12 weeks at 70 ° C)			
• longitudinal	12311-1	%/50mm	≥ 20
• transversal			≥ 20
Content of dangerous substances	Annex ZA	/	no

Use and installation

IZOSEK plus 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**.

07

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

Producer

FRAGMAT TIM d.d., Spodnja Rečica 77, SI - 3270 Laško ; www.fragmat.si

file:

Laško: Tel.: +386 (0)3 734 45 00 Fax.: +386 (0)3 734 45 63

Technical sheet

Ljubljana: Tel.: +386 (0)1 540 53 79 Fax.: +386 (0)1 524 86 94

IZOSEK PLUS/12-01