

IZOTEM REFLEX V3

Waterproofing membrane with a glass fleece carrier and with oxidized bitumen

Product description **IZOTEM REFLEX V3** is a waterproofing membrane made from a glass fleece reinforcement that is coated on both sides with oxidized bitumen. The membrane is on the upper side protected by mineral granules and on the bottom side by polymeric sheeting.

Characteristics of the product **IZOTEM REFLEX V3** meets the demands of the standards SIST EN 13969 for type A and SIST 1031.

Characteristic	EN Method	Unit	Declaration SIST EN 13969
Reinforcement			Glass fleece
Surface protection			mineral granules / polymeric sheeting
Length	1848-1	m	≥10
Width	1848-1	m	≥1
Straightness	1848-1	20 mm/10m	pass
Thickness	1849-1	mm	≥2,7
Water tightness	1928	kPa	≥ 60
Durability of water tightness against artificial ageing	1296/1928	kPa	≥10
Flexibility at low temperature	1109	°C	≤ 0
Resistance to tearing			
• longitudinal	12310-1	N	≥ 50
• transversal			≥ 50
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥300
• transversal			≥200
Water vapour properties	1931	μ	NPD
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≥ 1
Resistance to impact	12691/A	mm	≥ 300
Tensile sproperties			
• longitudinal	12311-1	N/50mm	≥300
• transversal			≥200
Elongation			
• longitudinal	12311-1	%/50mm	≥2,0
• transversal			≥2,0
Content of dangerous substances	Annex ZA	/	no

Use and installation **IZOTEM REFLEX V3** is used regarding the demands of the SIST EN standards as additional protection against dampness in systems of inclined roofs, under the shingles on a concrete surface. The membrane is installed by gluing with 10 cm overlaps.

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 and **SIST 1031:2011**.

Number EC certificate of control of quality: **1404 – CPD – 1059**.

06

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