

IZOTEM V3

Waterproofing membrane with a glass fleece carrier and with oxidized bitumen

Product description IZOTEM V3 is a waterproofing membrane made from a glass fleece reinforcement that is coated on both sides with oxidized bitumen. The membrane is protected on both sides by polymeric sheeting.

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

Characteristic	EN Method	Unit	Declaration EN 13969
Reinforcement		Glass fleece	
Surface protection		Polymeric sheeting / Polymeric sheeting	
Length	1848-1	m	≥10
Width	1848-1	m	≥1
Straightness	1848-1	20 mm/10m	pass
Thickness	1849-1	mm	2,5 -10%
Watertightness	1928/2000	kPa	≥ 2
Durability of watertightness against artificial ageing	1928/2000	kPa	≥ 2
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 -10%
• transversal			200 -10%
Water vapour properties	1931	μ	NPD
Reaction to fire	13501-1	/	F
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	< 5
Resistance to impact (h=600 mm)	12691	mm	≤ 20
Tensile strength			
• longitudinal	12311-1	N/50mm	300 -10%
• transversal			200 -10%
Elongation			
• longitudinal	12311-1	%/50mm	≥2,0
• transversal			≥2,0

Use and installation IZOTEM V3 is used regarding the demands of the SIST EN standards for less demanding one or more layered waterproofings of vertical or horizontal underground parts of objects. It can also be used as secondary roofing in systems of inclined roofs. The membrane is installed by torch or 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.



The product is in conformity with SIST EN 13969 for type A and SIST 1031.

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.