

Waterproofing membrane with a glass fabric carrier and with oxidized bitumen

Product description IZOTEM T4 is a waterproofing membrane made from a glass fabric 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 T4 meets the demands of the standards SIST EN 13969 for type A and SIST 1031. The glass fabric reinforcement gives dimensional stability and excellent mechanical characteristics.

Characteristic	EN Method	Unit	Declaration SIST EN 13969
Reinforcement		Woven glass fabric	
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	≥3,6
Water tightness	1928	kPa	≥100
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 60
Flexibility at low temperature	1109	°C	≤ 0
Resistance to tearing			
• longitudinal	12310-1	N	≥300
• transversal			≥200
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥1000
• transversal			≥1500
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	≥ 2
Resistance to impact	12691/A	mm	≥ 750
Tensile properties			
• longitudinal	12311-1	N/50mm	≥1000
• transversal			≥1500
Elongation			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0
Content of dangerous substances	Annex ZA	/	no

Use and installation IZOTEM T4 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.

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**.

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