

Waterproofing membrane with a glass fleece carrier and with plastomere modified bitumen

Product description IZOTEKT V4 is a waterproofing membrane made from a glass fleece reinforcement that is coated on both sides with plastomere modified bitumen. The membrane is protected on both sides by polymeric sheeting.

Characteristics of the product IZOTEKT V4 meets the demands of the standard EN 13969 for type A. The addition of plastomere polymers give resistance against ageing, UV-light and higher temperatures, as well as flexibility at low temperatures. The glass fleece gives dimensional stability.

Characteristic	EN Method	Unit	Declaration
			EN 13969:2004 and EN 13969:2004/A1:2006
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	≥3,6
Water tightness	1928	kPa	≥ 100
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 60
Flexibility at low temperature	1109	°C	≤ -5
Resistance to tearing			
• longitudinal	12310-1	N	≥ 70
• transversal			≥ 70
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	≥ 2
Resistance to impact	12691/A	mm	≥ 750
Tensile properties			
• 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

* NPD – no performance determined

Use and installation IZOTEKT V4 is used for less demanding one or more layered waterproofings of vertical or horizontal underground parts of objects that are not exposed to water pressure. The membrane is installed by torch 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.



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The product is in conformity with **EN 13969:2004 and EN 13969:2004/A1:2006 type A.**

Number EC certificate of control of quality: **1404 – CPR – 2107.**

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