

TECHNICAL SHEET

IZOTEM V4

Waterproofing membrane with a glass fleece reinforcement and with oxidized bitumen

Product description IZOTEM V4 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 V4 meets the demands of the standard EN 13969 for type A.

Characteristic	EN Method	Unit	Value
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	< 0
Resistance to tearing <ul style="list-style-type: none"> longitudinal transversal 	12310-1	N	> 70 > 70
Shear resistance of joints <ul style="list-style-type: none"> longitudinal transversal 	12317-1	N/50 mm	≥ 300 ≥ 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 <ul style="list-style-type: none"> longitudinal transversal 	12311-1	N/50mm	≥ 300 ≥ 200
Elongation <ul style="list-style-type: none"> longitudinal transversal 	12311-1	%/50mm	≥ 2,0 ≥ 2,0
Content of dangerous substances	Annex ZA	/	no

* NPD – no performance determined

Use and installation

IZOTEM V4 is used for one or more layered waterproofing for horizontal and vertical underground parts of building, which is not present water pressure. It is installed with welding process with a flame (gas) burner, over the entire surface. The joints are carried out with 10 cm overlaps and must be watertight.

Storage

The rolls must 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. Waste classification: 17 03 02 bituminous mixtures other than those mentioned in 17 03 01.



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

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