



# IZOELAST V4

## Waterproofing membrane with a glass fleece carrier and with elastomer (SBS) modified bitumen

**Product description** IZOELAST V4 is a waterproofing membrane made from glass fleece that is coated on both sides with elastomer (SBS) modified bitumen. The membrane is protected on both sides by polymeric sheeting.

**Characteristics of the product** IZOELAST V4 meets the demands of the standards SIST EN 13969 type A and type T . Additions of SBS give good resistance against ageing, UV-light and higher temperatures, as well as flexibility at low temperatures, glass fleece gives dimensional stability.

Characteristic	EN Method	Unit	Declaration SIST 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	≥ 3,6
Water tightness	1928	kPa	≥ 60
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 60
Flexibility at low temperature	1109	°C	≤ -15
Resistance to tearing			
• longitudinal	12310-1	N	≥ 70
• transversal			≥ 70
Shear resistance of joints			
• longitudinal	12317-1	N/50 mm	≥ 350
• transversal			≥ 250
Water vapour properties	1931	μ	20000
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	≥ 5
Resistance to impact	12691/A	mm	≥ 900
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 350
• transversal			≥ 250
Elongation			
• longitudinal	12311-1	%/50mm	≥ 2,0
• transversal			≥ 2,0
Content of dangerous substances	Annex ZA	/	no

**Use and installation** IZOELAST V4 is used regarding the demands of the SIST EN standards for less demanding one or more layered waterproofing of vertical or horizontal parts of objects that are exposed to water pressure. It can also be used as secondary roofing in systems of inclined roofs. The membrane is installed by torching 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 **SIST EN 13969:2005** and **SIST EN 13969:2005/A1:2007 type A and type T** and **SIST 1031:2011**.

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

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