

TECHNICAL SHEET

SKYBIT DESIGN SIVY

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

Product description:

SKYBIT DESIGN SIVY is a waterproofing membrane made from a glass fleece reinforcement, that is coated on both sides with elastomer (SBS) modified bitumen. The membrane is on the upper side protected by mineral granules and on the bottom side by polymeric sheeting.

Characteristics of the product:

SKYBIT DESIGN SIVY meets the demands of the standards EN 13707. The SBS additions give high resistance against low and higher temperatures and excellent flexibility. Glass fleece gives the product good dimensional stability, mineral granules protect it against ageing and UV-light.



Characteristics	EN Method	Unit	Declaration EN 13707:2004+A2:2009 EN13969:2004 a EN 13969:2004/A1:2006
Reinforcement	glass fleece		
Surface protection	mineral granules / polymeric sheeting		
Length	1848-1	m	≥ 8,0
Width	1848-1	m	≥ 1,0
Straightness	1848-1	20mm/10m	pass
Mass per unit area	1849-1	kg/m ²	≥ 5,2
Watertightness	1928/2000	kPa	≥ 60
Flexibility at low temperature against artificial ageing by long term exposure to elevated temperature (12 weeks at 70°C)	1296/1109	°C	≤ -15
Flow resistance at elevated temperature against artificial ageing by long term exposure to elevated temperature (12 weeks at 70°C)	1296/1110	°C	≥ 90
Flexibility at low temperature	1109	°C	≤ -15
Flow resistance at elevated temperature	1110	°C	≥ 100
Resistance to tearing - longitudinal - transversal	12310-01	N	NPD NPD
Shear resistance to joints - longitudinal - transversal	12317-1	N	NPD NPD
Dimensional stability - longitudinal - transversal	1107-1	%	NPD NPD
Water vapor transmission properties, Sd	1931	μ	NPD
External fire performance	13501-5	class	Froof (t1)
Reaction to fire	13501-1	class	E
Chemical resistance	1847/13969 Príloha A	-	pass
Resistance to static loading	12730/A	kg	NPD
Resistance to impact	12691/B	mm	NPD
Tensile strength - longitudinal - transversal	12311-1	N/50mm	≥ 300 ≥ 200
Elongation - longitudinal - transversal	12311-1	%	≥ 2,0 ≥ 2,0
Adhesion of granules	12039	%	≤ 30
Content of hazardous substances	Annex ZA	/	does not contain

Instruction for use and installation:

SKYBIT DESIGN SIVY is used in two or more layered flat roof systems as top layer that protect roof from UV light and ageing. The membrane is installed by torch with 10cm overlaps, which must be waterproof.

Storage and transport:

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 carrier is responsible for the correct transport.

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 **EN 13707:2004+A2:2009**.

Number EC certificate of control of quality: **1404 – CPR – 2323**

The system of quality is conform with **EN ISO 9001**.