

Bitumen sheet with cardboard carrier

Product description PERGAMIN is made of cardboard reinforcement, completely impregnated with bitumen.

Characteristics of the product PERGAMIN meets the demands of the standard EN 13859-1 type W1.

Characteristic	EN Method	Unit	Declaration EN 13859-1:2010
Reinforcement		Cardboard	
Surface protection		without / without	
Length	1848-1	m	≥ 20
Width	1848-1	m	0,995 do 1,015
Thickness	1848-1	mm	≥ 0,5
Mass per unit area	1849-1	kg/m ²	≥ 0,5
Straightness	1848-1	30mm/10m	pass
Resistance to water penetration	1928	class	W1
Resistance to water penetration after artificial ageing by long term exposure to elevated temperature(12 weeks at 70 °C)	1296/1928	class	W1
Flexibility at low temperature	1109	°C	≤ +4
Resistance to tearing			
• longitudinal	12310-1	N	≥ 20
• transversal			≥ 20
Dimensional stability			
• longitudinal	1107-1	%	≤ 0,6
• transversal			≤ 0,6
Water vapor transmission properties	1931	m	< 2
Reaction to fire	13501-1	Class	F
Chemical resistance	1847/13969 Annex A	N/50mm	pass
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 250
• transversal			≥ 150
Tensile properties after artificial ageing by long term exposure to elevated temperature (12 weeks at 70°C)			
• longitudinal	12311-1	%/50mm	≥ 200
• transversal			≥ 100
Elongation			
• longitudinal	12311-1	%/50mm	≥ 1,0
• transversal			≥ 1,0
Elongation after artificial ageing by long term exposure to elevated Temperature (12 weeks at 70°C)			
• longitudinal	12311-1	%/50mm	≥ 1,0
• transversal			≥ 1,0
Content of dangerous substances	Annex ZA	/	no

Use and installation PERGAMIN is used regarding the demands of the EN standards as underlay in systems of pitch roofs, or as temporary protection against dampness. The product is mechanically installed on boarded surfaces with 10 cm overlaps. The product is not resistant against weather influences, therefore it is necessary to protect it with the primary roofing as quick as possible.

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.



07

The product is in conformity with **EN 13859-1:2010 type W1**.

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