


MONARFLEX Elephant Skin

Application:

The Monarflex Elephant Skin product is a vapour barrier that can be used for application on both roofs, walls and under floors.

Properties:

The Monarflex Elephant Skin has a high nail and tensile strength. The product is ageing resistant and further resistant to cement materials and common occurring alkaline. The product is in compliance with SPF Verksnorm on 50 years ageing resistance.

Product data				
Built-up Top side	LDPE with high degree of heat protection (IR)			
Colour	Blue tint			
Weight	192 g/m ² +10% / -5%			
Application	The material is unrolled loss with a minimum overlap of 100 mm taped joints. All penetrations/joints must be sealed with suitable tape our Icopal Butyl sealer.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25,00 & 50,00	+1% -0%	EN 1848-2
Width	m	1, 2, 2,70 & 4	+1,5% -½%	EN 1848-2
Thickness	mm	0,20	±25%	EN 1849-2
Tensile strength	N/50 mm	MD >150		EN 12311-2
		TD >150		EN 12311-2
Elongation	%	MD >450		EN 12311-2
		TD >450		EN 12311-2
Nail tear resistance	N	MD >100		EN 12310-1
		TD >100		EN 12310-1
Dimensional stability	%	MD -0,5	±1	EN 1107-2
		TD -0,5	±1	EN 1107-2
Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	-20	±1°C	EN 1109
Impact resistance	mm	<200 (rigid support)		EN 12691, Method A
Sd value	m	125	±25	EN 1931
Water vapour transm.	m ² .s Pa/kg	2,98 E-09	±1,63E-10	EN 1931
Water tightness	Class	W1		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296				
Water tightness	Class W1	Pass		EN 1928, Method A
Sd value	m	Pass		EN 1931
Water vapour transm.	m ² .s Pa/kg	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
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