


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 stabilizers			
Colour	Blue tint			
Weight	184g/m ² +10% / - 5%		EN1849-2	
Application	The material is unrolled loss with a minimum overlap of 100 mm taped joints. All penetrations joints must be sealed with suitable tape or Icopal Butyl sealer.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	50,00	+1% -0%	EN 1848-2
Width	m	1,50 & 2,75	+1,5% -½%	EN 1848-2
Straightness		Pass		EN 1848-2
Thickness	mm	0,20	±25%	EN 1849-2
Visible defects		Pass		EN 1850-2
Tensile strength	N/50 mm	MD >100		EN 12311-2
		TD >100		EN 12311-2
Elongation	%	MD >300		EN 12311-2
		TD >300		EN 12311-2
Nail tear resistance	N	MD >80		EN 12310-1
		TD >80		EN 12310-1
Temperature range	°C	- 40°C to +80°C		
Impact resistance	mm	<200 (rigid support)		EN 12691, Method A
Sd value	m	105	±15 m	EN 1931
Water vapour transm.	m ² .s Pa/kg	4,37E-09	±5,14E-10	EN 1931
Water tightness		Pass		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296				
Water tightness	Pass/Fail	Pass		EN 1928, Method A
Water vapour transm.	Pass/Fail	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
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