


MONARFLEX Pam-O-Flex

Application:

The Monarflex Pam-O-Flex product is a vapour barrier that can be used for industrial application on both roofs and walls.

Properties:

The Monarflex Pam-O-Flex has a tremendous high nail and tensile strength due to its strong reinforcing grid. The product is ageing resistant and is considered step safe, when installed according to a special guide for the product.

Product data				
Built-up Top side	LDPE with high degree of heat and UV protection			
Reinforcement	12 x 12 mm Polyester (PET) grid			
Bottom side	LDPE with high degree of heat and UV protection			
Colour	Transparent			
Weight	275 g/m ² - 5%/ +10%			
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. For steep proof application please consult special installation guide.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25,00 & 50,00	+1% -0%	EN 1848-2
Width	m	2,25 & 4,00	+1,5% -½%	EN 1848-2
Thickness	mm	0,25	±25%	EN 1849-2
Tensile strength	N/50 mm	MD >400		EN 12311-1
		TD >500		EN 12311-1
Elongation	%	MD >10		EN 12311-1
		TD >10		EN 12311-1
Nail tear resistance	N	MD >200		EN 12310-1
		TD >200		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	90	±8	EN 1931
Water vapour transm.	m ² .s Pa/kg	4,40-E-09	±3,47E-10	EN 1931
Water tightness	Class	Pass 2kPa		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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