


MonarVap® Reflex 110

Application:

The MonarVap Reflex 110 product is a vapour barrier that can be used for application on both roofs and walls where medium high vapour load is expected.

Properties:

The MonarVap Reflex 110 has a very high nail and tensile strength due to its reinforcing grid. The product is ageing resistant and further resistant to cement materials and common occurring alkaline.

Product data				
Built-up Top side	Metalized BOPP foil			
Reinforcing	12 x 12 mm PP (Poypropylen) reinforcing grid			
Bottom side	LDPE with high degree of heat protection (IR)			
Colour	Alu/Transparent			
Weight	110 g/m ² +10% / - 5%			EN 1849-2
Application	The material is unrolled loose with a minimum overlap of 50mm taped joints. All penetrations or joints must be sealed with suitable tape like Icopal Butyl sealer.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	50,00	+1% -0%	EN 1848-2
Width	m	1,50	+1,5% -½%	EN 1848-2
Straightness		Pass		EN 1848-2
Product thickness	mm	0,25	±25%	EN 1849-2
Layer thickness	mm	0,10		MX Internal Method 20
Visible defects		Pass		EN 1850-2
Tensile strength	N/50 mm	MD >200		EN 12311-2
		TD >150		EN 12311-2
Elongation	%	MD >10		EN 12311-2
		TD >4		EN 12311-2
Nail tear resistance	N	MD >150		EN 12310-1
		TD >150		EN 12310-1
Temperature range	°C	- 40°C to +80°C		
Sd value	m	150	±50	EN 1931
Water vapour resistance	m ² sPa/kg	1,7-E09	±4E-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 resistance	Pass/Fail	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
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