


MONARFLEX® Polykraft RE

Application:

The Monarflex Polykraft RE product is a reinforced aluminium based vapour barrier that can be used for application on both roofs and walls.

Properties:

The Monarflex Polykraft RE has an extreme water vapour resistance due to its aluminium barrier, furthermore the product is ageing resistant and has shown its worth through more than 30 years of use in the building industry.

Product data				
Built-up	Aluminium barrier			
Top side	12 x 12 mm glassfiber net			
Reinforcement	LDPE (Low Density Polyethylene)			
Middle layer	Kraft paper			
Bottom side				
Colour	Alu/Brown			
Weight	100 g/m ² +/- 5%			EN 1849-2
Application	The material is unrolled loss with a minimum overlap of 100 mm taped joints. All penetrations or joints must be sealed with suitable tape or Icopal Butyl sealer.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	40,00	+1% -0%	EN 1848-2
Width	m	1,25	+1,5% -½%	EN 1848-2
Straightness		Pass		EN 1848-2
Thickness	mm	0,20	±25%	EN 1849-2
Tensile strength	N/50 mm	MD >300		EN 12311-1
		TD >200		EN 12311-1
Elongation	%	MD >4		EN 12311-1
		TD >4		EN 12311-1
Nail tear resistance	N	MD >60		EN 12310-1
		TD >60		EN 12310-1
Temperature range	°C	- 40°C to +80°C		
Impact resistance	mm	<200 (rigid support)		EN 12691, Method A
Cold bend	°C	-20	±1°C	EN 1109
Sd value	m	836	±165	EN 1931
Water vapour transm.	Kg/m ² s	5,07E-10	±1,13E-10	EN 1931
Water tightness	Class	Pass		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296				
Water tightness	Class	Pass		EN 1928, Method A
Water vapour transm.	Kg/m ² s	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
				Monarflex s.r.o. Továrnská 1 SK-94303 Stúrovo Slovakia 06