


MONARFLEX® Polykraft STD

Application:

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

Properties:

The Monarflex Polykraft STD 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 Top side Middle layer Bottom side	Aluminium barrier LDPE (Low Density Polyethylene) Kraft paper			
Colour	Alu/Brown			
Weight	80 g/m ² +/- 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	24,00 & 30,00	+1% -0%	EN 1848-2
Width	m	1,00 & 1,25	+1,5% -½%	EN 1848-2
Thickness	mm	0,10	±50%	EN 1849-2
Tensile strength	N/50 mm	> 145		EN 12311-1
		> 115		EN 12311-1
Elongation	%	MD 3	±3	EN 12311-1
		TD 9	±3	EN 12311-1
Nail tear resistance	N	MD 11	±5	EN 12310-1
		TD 14	±5	EN 12310-1
Dimensional stability	%	MD -0,1	±1	EN 1107-2
		TD -0,3	±1	EN 1107-2
Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	-20	±1°C	EN 1109
Sd value	m	≥1500	±250 m	EN 1931
Water vapour transm.	Kg/m ² s	9,65E-10		EN 1931
Water tightness	Class	W1		EN 1928
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296				
Tensile strength	N/50 mm	> 140		EN 12311-1
		> 115		EN 12311-1
Water tightness	Class	W1		EN 1928
Water vapour transm.	Kg/m ² s	9,65E-10		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
				Monarflex s.r.o. Továrnská 1 SK-94303 Stúrovo Slovakia 06