

MONARFLEX Monarvap 200 Black


Application:

The Monarflex Monarvap 200 Black product is a vapour barrier that can be used for application on roofs, walls and under floors. For flat roofs it can be used on slopes < 1% (< 900 mm). The accepted bearing elements are masonry, profiled steel sheets, and timber or wood derivative panels.

They must comply with the local standards for the installing of VCL.

Properties:

The Monarflex Monarvap 200 Black has high nail and tensile strength.

Product data				
Built-up Top side	LDPE with a high degree of stabilisation			
Colour	Black			
Weight	185 g/m ² +10% / -5%			
Application	The material is unrolled loss with a overlap of 100 mm taped joints. All penetrations/joints must be sealed with Icopal tape or Icopal Butyl sealer. Secondly the membrane may be mounted below floors as a DPM, provided that sharp objects are absent.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25,00 & 50,00	+1% -0%	EN 1848-2
Width	m	2 & 4	+1,5% -½%	EN 1848-2
Thickness	mm	0,20	±25%	EN 1849-2
Tensile strength	N/50 mm	MD >130		EN 12311-2
		TD >130		EN 12311-2
Elongation	%	MD >400		EN 12311-2
		TD >600		EN 12311-2
Nail tear resistance	N	MD >60		EN 12310-1
		TD >60		EN 12310-1
Dimensional stability	%	MD -0,5	±1,5%	EN 1107-2
		TD -1,5	±1,5%	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	125	±25	EN 1931
Water vapour transm.	m ² .s Pa/kg	3,0 E-09	±1,63E-10	EN 1931
Water tightness	Class	W1		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296				
Water tightness	Class W1	Pass		EN 1928, Method A
Sd value	m	Pass		EN 1931
Water vapour transm.	m ² .s Pa/kg	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
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