


Monarperm Classic

Application:

The Monarperm Classic product is a breathable underlay for discontinuous roofing for used in application on pitched roofs over rafters in ventilated and not ventilated roof constructions or as underlay for walls.

Properties:

The Monarperm Classic is a 3 layers product. It has a very low SD value and good isotropic mechanical properties. The product is ageing resistant to UV and heat according to the EN 13859 standard.

Product data	Monarperm Classic			
Built-up Top side Middle Side Bottom side	PP non woven UV stable PP microporous film UV stable PP non woven UV stable			
Colour	Dark Grey			
Weight	110 g/m ² - 5% / +5%			
Application	Underlay for discontinuous roofing Underlay for walls			
Technical data	Unit	Value	Tolerance	Test method
Length	m	50,00	+1% -0%	EN 1848-2
Width	m	1,50	+1% -1%	EN 1848-2
Tensile strength	N/50 mm	180 (MD)	± 25	EN 12311-1
		185 (TD)	± 30	EN 12311-1
Elongation	%	95 (MD)	± 20	EN 12311-1
		115 (TD)	± 20	EN 12311-1
Nail tear resistance	N	145(MD)	± 20	EN 12310-1
		140 (TD)	± 20	EN 12310-1
Dimensional stability	%	< 3 (MD)	-	EN 1107-2
		< 3 (TD)	-	EN 1107-2
Cold bend	°C	-40	-	EN 1109
Sd value	m	0,02	±0,01	EN 12572 Method C
Water tightness	Class	W1		EN 1928 Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1297 & EN 1296				
Tensile strength	N/50 mm	150 (MD)	±25	EN 12311-1
		155 (TD)	±30	EN 12311-1
Elongation	%	70	±20	EN 12311-1
		75	±30	EN 12311-1
Water tightness	Class	W1		EN 1928 Method A
Classification	Underlay for discontinuous roofing – EN 13859-1 Underlay for walls – EN 13859-2			
		Manufacturer : Icopal Siplast 12 rue de la Renaissance FR-92184 Antony Cedex France		Supplier : Monarflex s.r.o. Továrenská 1 SK-94303 Stúrovo Slovakia
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