


Application:

The Monarperm Classic Plus product is a diffusion open underlay for discontinued roofing for used in application on pitched roofs over rafters in ventilated and non ventilated roof constructions as well as walls.

Properties:

The Monarperm Classic Plus product is water resistant even though it is diffusion open. The product is ageing resistant to UV. The product is available in a tape version for improved rain and wind tightness.

Product data				
Built-up				
Top side	Co-polymer acrylic coating – applied in 2 separate layers (Black)			
Bottom side	PP (Polypropylene) UV stable spun bond (Black)			
Colour	Black/Black			
Weight	140 g/m ² -5% / +10%			
Application	The material is unrolled taut over rafters, but with a bit of slack for temperature variations. The minimum overlap is 150 mm. All penetrations and joints must be sealed with suitable tape our sealer. The minimum pitch angle must be no less than 20 degrees unless specific guidelines have been given.			
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
Thickness	mm	0,40	±25%	EN 1849-2
Tensile strength	N/50 mm	MD 220	±30	EN 12311-1
		TD 140	±30	EN 12311-1
Elongation	%	MD 60	±15	EN 12311-1
		TD 80	±15	EN 12311-1
Nail tear resistance	N	MD 125	±25	EN 12310-1
		TD 150	±25	EN 12310-1
Dimensional stability	%	MD -0,6	±1	EN 1107-2
		TD -0,5	±1	EN 1107-2
Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	-20	±1°C	EN 1109
Water vapour transm.	Kg/m ² s	1,07E-06		EN 12572, Mod. C
Water tightness	Class	W1		EN 1928
Fire classification	Class	E		EN 13501-1
Ageing after EN 1297 & EN 1296				
Tensile strength	N/50 mm	MD 200	±25	EN 12311-1
		TD 135	±25	EN 12311-1
Elongation	%	MD 45	±15	EN 12311-1
		TD 60	±15	EN 12311-1
Classification	Underlay for discontinued roofing – EN 13859-1 Underlay for walls – EN 13859-2			
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