

Application:

The Monarfol 100 product is an underlay for discontinued roofing for used in application on pitched roofs over rafters in ventilated roof constructions only.

Properties:

The Monarfol 100 is the standard pitched roofing underlay that is easy to work and has good mechanical performance. The product is ageing resistant to UV.

Product data				
Built-up Top side Reinforcing Bottom side	LDPE coating that is UV stable 12 x 12 Leno-weav 1000 dtex net LDPE blown film that is UV stable			
Colour	Transparent			
Weight	95 g/m ² - 10% / +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/joints must be sealed with suitable tape or sealer. The minimum pitch angle must be no less than 15 degrees.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	50,00	+1% -0%	EN 1848-2
Width	m	1,50	+1% -1/2%	EN 1848-2
Layer Thickness	mm	0,10	±30%	MFX Internal Method 20
Product Thickness	mm	0.19	±25%	EN 1849-2
Tensile strength	N/50 mm	MD 210	±30	EN 12311-1
		TD 190	±30	EN 12311-1
Elongation	%	MD 15	±5	EN 12311-1
		TD 15	±5	EN 12311-1
Nail tear resistance	N	MD 180	±25	EN 12310-1
		TD 140	±25	EN 12310-1
Dimensional stability	%	MD -2 %	± 1	EN 1107-2
		TD -0,5 %	± 1	EN 1107-2
Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	- 40		
Sd value	m	30	±5	EN 1931
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	MD 190	±30	EN 12311-1
		TD 195	±30	EN 12311-1
Elongation	%	MD 15	±5	EN 12311-1
		TD 15	±5	EN 12311-1
Water tightness	Class	W1		EN 1928 Method A
Classification	Underlay for discontinued roofing – EN 13859-1			
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