


Monarfol 145 Plus

Application:

The Monarfol 145 Plus product is an underlay for discontinued roofing for used in application on pitched roofs over rafters in ventilated roof constructions only.

Properties:

The Monarfol 145 Plus has an extreme high nail, classified R3, and tensile strength due to its reinforcing grid. The product is ageing resistant to UV and IR.

Product data				
Built-up Top side Reinforcing Bottom side	PE (Polyethylene) + mLLDPE coated top film 8 x 8 mm PP (Polypropylene) reinforcing grid PP (Polypropylene) spun bond, which is hydrophilic			
Colour	Transparent/White or Transparent/Grey			
Weight	145 g/m ² - 5% / +10%			
Application	Please refer to national application practices.			
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	0,24	±10%	MFx internal Method 20
Product Thickness	mm	0,54	±10%	EN 1849-2
Tensile strength	N/50 mm	MD 500	±60	EN 12311-1
		TD 400	±60	EN 12311-1
Elongation	%	MD 18	±7	EN 12311-1
		TD 18	±7	EN 12311-1
Nail tear resistance	N	MD 350	±60	EN 12310-1
		TD 310	±60	EN 12310-1
Dimensional stability	%	MD max 2	±0,3	EN 1107-2
		TD max 2	±0,3	EN 1107-2
Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	- 40		EN 1109
Sd value	m	50	±10	EN 1931
Water vapour transm.	m ² .sPa/kg	2,63 E11		EN 1931
Water tightness	Class	W1		EN 1928
Fire classification	Class	F		EN 13501-1
Ageing after EN 1297 & EN 1296				
Tensile strength	N/50 mm	MD 490	±60	EN 12311-1
		TD 370	±60	EN 12311-1
Elongation	%	MD 15	±8	EN 12311-1
		TD 10	±8	EN 12311-1
Water tightness	Class	W1		EN 1928
Classification	Underlay for discontinued roofing – EN 13859-1			
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