


Monarfol Super (Underroof)

Application:

The Monarfol Super product is a combined tight roofing underlay /vapour barrier that can be used for application on both roofs and walls.

Properties:

The Monarfol Super has high nail and tensile strength due to its strong reinforcing grid. The product is ageing resistant and is considered step safe, when installed according to a special guide for the product.

Product data				
Built-up Top side	LDPE with stabilizers			
Reinforcement	9 x 12 mm Polyester (PET) grid			
Bottom side	LDPE with stabilizers			
Colour	Matted grey			
Weight	320 g/m ² - 5%/ +10%			
Application	The material is unrolled loss with a minimum overlap of 100 mm taped joints. All penetrations joints must be sealed with suitable tape or Icopal Butyl sealer. For steep proof application please consult special installation guide.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	25,00 & 50,00	+1% -0%	EN 1848-2
Width	m	1,10, 1,32, 2,25 & 4,00	+1,5% -½%	EN 1848-2
Thickness	mm	0,35	±50 my	EN 1849-2
Tensile strength	N/50 mm	MD 550	±40	EN 12311-1
		TD 600	±40	EN 12311-1
Elongation	%	MD 20	±5	EN 12311-1
		TD 15	±5	EN 12311-1
Nail tear resistance	N	MD 300	±40	EN 12310-1
		TD 230	±40	EN 12310-1
Dimensional stability	%	MD -0,5	±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
Sd value	m	150	± 20	EN 1931
Water tightness	Class	W1		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296 + EN 1297				
Elongation	%	15	±5	EN 12311-1
		15	±5	EN 12311-1
Tensile strength	N/50 mm	450	±40	EN 12311-1
		500	±40	EN 12311-1
Water tightness	Class	W1		EN 1928, Method A
Classification	Underlay for discontinued roofing – EN 13859-1			
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