


## Monarfol Super (VCL)

### 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 <sup>2</sup> - 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
Product Thickness	mm	0,54	± 25%	EN 1849-2
Layer Thickness	mm	0,35	± 10%	MFX Internal method 20
Tensile strength	N/50 mm	MD > 500		EN 12311-1
		TD > 500		EN 12311-1
Elongation	%	MD > 15		EN 12311-1
		TD > 15		EN 12311-1
Nail tear resistance	N	MD > 250		EN 12310-1
		TD > 190		EN 12310-1
Dimensional stability	%	Max 2		EN 1107-2
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Temperature range	°C	- 40°C to +80°C		
Cold bend	°C	-20		EN 1109
Sd value	m	150	± 20	EN 1931
Water tightness		Pass		EN 1928, Method A
Fire classification	Class	F		EN 13501-1
Ageing after EN 1296 (Pending)				
Water tightness	Pass/Fail	Pass		EN 1928, Method A
Water vapour transm.	Pass/Fail	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
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