

MonarVap® SD5 RE


Application:

The MonarVap SD5 RE is a conventional vapour check for use in roofs and walls. In addition the membrane is ideal for use as a refurbishment membrane where the membrane is applied between the rafter battens from the outside.

The shiny coloured shine side facing towards the warm side.

Properties:

The MonarVap SD5 RE has very high nail and tensile strength do to its reinforcement grid. In addition the product is approved as a Halogen Free Flame Retardant Class E membrane.

Product data				
Built-up	Ethylene based copolymer (white colour)			
Top side	Leno weave grid 8x8 mm			
Reinforcing	Nonwoven PP spunbond (white colour)			
Bottom side				
Colour	White/White			
Weight	125 g/m ² +10% / - 5%	EN 1849-2		
Application	As conventional vapour check for use on the warm side or as refurbishment membrane applied in cold roof applications. Ensure a minimum of 100 mm overlap and ensure that all penetrations/joints must be sealed with suitable tape or Icopal Butyl sealer.			
Technical data	Unit	Value	Tolerance	Test method
Length	m	50		EN 1848-2
Width	m	1,50 & 3,00	+1,5% -½%	EN 1848-2
Straightness		Pass		EN 1848-2
Product Thickness	mm	0,540	±10%	EN 1849-2
Layer Thickness	mm	0,240	±10%	MFX Internal method 20
Visible defects		Pass		EN 1850-2
Tensile strength	N/50 mm	MD >250		EN 12311-2
		TD >180		EN 12311-2
Elongation	%	MD >10		EN 12311-2
		TD >10		EN 12311-2
Nail tear resistance	N	MD >150		EN 12310-1
		TD >200		EN 12310-1
Cold flexibility	°C	- 20°C		EN 1109
Sd value	m	5	+3 / -1	EN 1931
Water vapour perm.	kg/m ² s	7 * 10 ⁻⁸	± 2 * 10 ⁻⁸	EN 1931
Water tightness		Pass		EN 1928, Method A
Fire classification	Class	E		EN 13501-1
Ageing after EN 1296				
Water tightness	Pass/Fail	Pass		EN 1928
Water vapour transm.	Pass/Fail	Pass		EN 1931
Classification	Vapour Barrier Type A – EN 13984			
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