

# VapAir Seal<sup>®</sup> MD

# Air and Vapour Barrier

VapAir Seal MD membranes are a quick-application, self-adhesive and extremely resistant to vapour. These vapour barrier membranes consists a reinforced aluminium material with a self-adhesive backing and a removable release film and are particularly well-suited to use on profiled steel sheets.

## PRODUCT-SPECIFIC PROPERTIES

VapAir Seal comes with a reduced fire load as per DIN 18234 and the Industrial Building Directive: VapAir Seal meets the FM Standard Class No. 4470

Material-Related Information		
Thickness	0.4 mm	
Weight	Approx. 300 g/m2	
Packaging per Pallet	30 rolls	
Rolls Length	40 m	
Roll Width	1.08 m	
Maximum Tensile Force (Longtitudinal/ Transverse)	≥ 800/700 N/5 cm	
Needle Tear Resistance (Longtitudinal/ Transverse)	200 N	
Cold Bending Behaviour	- 20 °C	
Watertightness At 4 Bar Over 72 Hours	Tight	
Shear strength	657 N/5 cm	
Fire Behaviour	Class E	
Fire Classification		
Water vapour permeability sd value	>1,500 m	
Visible Defects	None	
Resistance To Chemicals	Passed	
Resistance To Artificial Ageing	Passed	
Shock Loading (Procedures A and B)	150 and 1,500 mm	
Resistance To Static Loading (Procedures A and B)	20 kg and 20 kg	
Heating Value/Fuel Value	≤ 10,500 kJ/m2/ ≤ 11,600 kJ/m2	
Fm Approval	Class 1	



* SN	Areas of Use		
TION	Metallic materials:		
SURFACE BONDING INSTRUCTIONS *	<ul> <li>Galvanised or uncoated substrates</li> </ul>	Yes	
ING	Plastic coated substrates	Yes	
BOND	Timber / Timber materials	Yes	
IRFACE	Bituminous materials	Yes	
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\* Ideally, a primer is not used within the roof area for loosely laid roof structures with mechanical fixation or ballasting.

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality. CE

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