

VapAir Seal™ 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/m ²
Packaging per Pallet	30 rolls
Rolls Length	40 m
Roll Width	1.08 m
Maximum Tensile Force (Longitudinal/ Transverse)	≥ 800/700 N/5 cm
Needle Tear Resistance (Longitudinal/ 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/m ² / ≤ 11,600 kJ/m ²
Fm Approval	Class 1



SURFACE BONDING INSTRUCTIONS *

Areas of Use	
Metallic materials:	
• Galvanised or uncoated substrates	Yes
• Plastic coated substrates	Yes
Timber / Timber materials	Yes
Bituminous materials	Yes

* 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.

