

PHS Astra Airtight Vapour Control Membrane

PHS Astra Airtight Vapour Control Membrane enables airtightness and vapour control in roof and wall constructions.

PHS Astra Airtight Vapour Control has an optimum fixed vapour resistance level of Sd 10m. This allows for an excellent level of vapour control by preventing diffusion of internal vapour into the building envelope back in winter and allowing diffusion in summer.

This prevents a build-up of condensed water vapour within the building envelope, that facilitates mildew growth and constructional damage.

The CE sign according to DIN EN 13984 gives the necessary assurance for the quality of the product.



Mass per unit	85g/m², +10, -0≥60N	85g/m ² , +10, -0≥60N/50mm, EN1849-2	
Resistance to water penetration	Passed, EN13984 (E	Passed, EN13984 (EN1928 Method A	
Water vapour transmission rate	10m, EN1931		
Reaction to fire	Class E,	EN13501-	
Tensile property max. force (MD)	≥100N/50mm,	EN13984	
Tensile property max. force (CD)	≥60N/50mm,	EN13984	
Tensile property elongation (MD)	≥70N%,	EN13984	
Tensile property elongation (CD)	≥90N,	EN1398	
Resistance to tearing (MD)	≥90N,	EN1398	
Resistance to tearing (CD)	≥90N,	EN1398	
Ageing	Passed,	EN129	
Alkali resistance	NPD,	EN1398	
Air permeability	0.00, EN12114		
Shear resistance of joints	NPD,	EN12317-	
Water tightness of seams	NPD		
Resistance to impact	NPD,	EN1269	
Hazardous substances	No		
Temperature resistance	-40C/+100C		
Thickness	0.345mm		

Size

- 1.5m x 50m,
- Box Quantity: 1.



Application

- Store in dry rooms from +5C to +25C, protected from UV-radiation.
- The membrane should be applied perpendicular to the direction of the application surface i.e. studs, rafters and joists.
- The membrane should be fixed with staples every 150mm or PHS Double Sided Tape.
- PHS Argo joining Tape or a suitable PHS Grommet should be used for penetrations.
- For bonding barrier overlaps, penetrations and repair spots,
 PHS Argo or a similar tape is recommended.
- For connections to concrete or masonry PHS Internal Adhesive Sealant is recommended.
- Ensure there is a 100mm overlap of the membranes and tape with PHS Argo Tape or another suitable tape.

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