



PHS Apollo Vapour Control Membrane

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

PHS Apollo Vapour Control has an optimum fixed vapour resistance level of S_d 4.5m. This allows for an ideal 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.



Technical Data

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| Mass per unit | 100g/m ² , ±10g/m ² , EN1849-2 |
| Resistance to water penetration | Passed, EN13984 (EN1928 Method A) |
| Water vapour transmission rate | 4.5m |
| Reaction to fire | Class F, EN13501-1 |
| Tensile property max. force (MD) | 200N/50mm, ±30N, EN12311-1 |
| Tensile property max. force (CD) | ≥120N/50mm, ±30N, EN12311-1 |
| Resistance to tearing (MD) | 90 N , ±30N, EN12310-1 |
| Resistance to tearing (CD) | 90 N , ±30N, EN12310-1 |
| Ageing | Passed, EN1296 |
| Alkali resistance | NPD, EN13984 |
| Impact rain test | Passed |
| Shear resistance of joints | NPD, EN12317-2 |
| Water tightness of seams | NPD |
| Resistance to impact | NPD, EN12691 |
| Hazardous substances | No |
| Temperature resistance | -40C/+100C |

Size

- 3000mm 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.

UK Passive House Systems Ltd.
Epping, Essex, CM16 6TH
Tel: 08454591500
Website www.passivehousesystems.co.uk

Ireland. Passive House Systems.
Ballincollig, Cork, P31 PR52, Ireland
Tel: (00353) 021 4289407
Website www.passivehousesystems.ie

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