

PHS Sd2 Vapour Control Membrane

PHS Sd2 Vapour Control Membrane enables airtightness and vapour control in roof and wall constructions.

PHS Sd2 Vapour Control has an optimum fixed vapour resistance level of Sd 2m. 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.

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.

Size

- 1500mm x 50m,
- Box Quantity: 1.



Technical Data

Reaction on fire	Class E, 5.12 EN13984
Resistance to water penetration	Requirements met, 5.5 EN13984
Water vapour transmission	8g/m ² /24h, ±5, 5.10 EN13984
Resistance to impact	≤800mm, 5.6 EN13984
Max. tensile strength along MD	≥175N/50mm, 5.11 EN13984
Max. tensile strength across CD	≥120N/50mm, 5.11 EN13984
Elongation along MD	≥70%, 5.11 EN13984
Elongation across CD	≥90%, 5.11 EN13984
Tear resistance along MD	≥120N, 5.8 EN13984
Tear resistance across CD	≥160N, 5.8 EN13984
Durability of water vapour resistance against artificial ageing	Requirements met, 5.7 EN13984
Alkali resistance	NPD, 5.7.2 EN13984
Strength of the joint	NPD, 5.9 EN13984
Straightness	75mm/10m, 5.3 EN13984
Mass per unit area	98g/m ² , ±8%, 5.4 EN13984
Resistance to water vapour diffusion	Sd 2m, -1/+5, 5.10 EN13984