

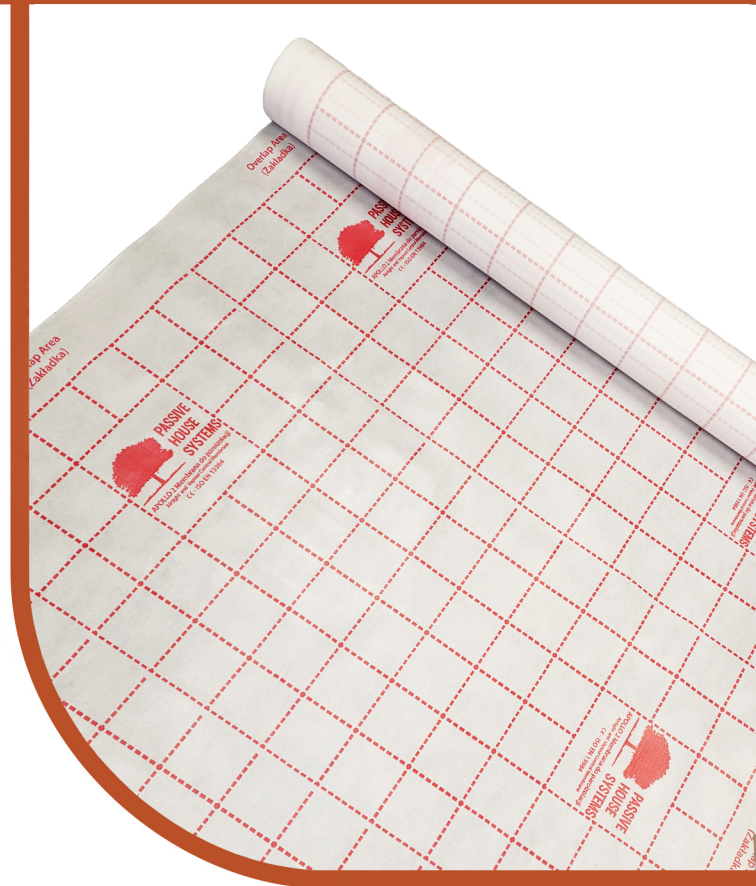
PHS Apollo 2 Vapour Control Membrane

PHS Apollo 2 Vapour Control Membrane enables airtightness and vapour control in roof and wall constructions.

PHS Apollo 2 Vapour Control has an optimum fixed vapour resistance level of Sd 27m. 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

Total thickness (DIN EN 1942)*	0.3mm
Tensile strength (DIN EN 12311-2)*	
Lengthwise	207N / 50mm
Crosswise	136N / 50mm
Elongation at break (DIN EN 12311-2)*	
Lengthwise	137%
Crosswise	165%
Tear strength (DIN EN 12340-1)*	
Lengthwise	119N
Crosswise	195N
Temperature range	-20 to +80C
Sd-value	27m - 0.2m (DIN EN 1931:2000)
Fire performance (DIN EN 12501 -1)	Class F
Water resistance	passed
Grammage	110g/m ² (+/- 7%)
CE Certificate	passed
Core	72mm inner core diameter
Moisture resistance	$\mu = 108074$
Water vapour resistance	$Z_p = 142.109m^2.S.Pa/kg$

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 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.