

PHS Apollo 2

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

PHS Apollo 2 Vapour Control Membrane has an optimum fixed vapour resistance level of $S_d = 27m$. 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.

Application

- Store in dry rooms from +5°C to +25°C, 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.

Size

- 1.5m x 50m



Technical Data

Total Thickness	0.3mm (DIN EN 1942)*
Tensile Strength	Lengthwise 207N/50mm , Crosswise 136N/50mm (DIN EN 12311-2)*
Elongation at Break	Lengthwise 137% , Crosswise 165% (DIN EN 12311-2)*
Tear Strength	Lengthwise 119N , Crosswise 195N (DIN EN 12340-1)*
Temperature Range	-20°C to +80°C
Sd-Value	27m - 0.2m (DIN EN 1931 :2000)
Fire Performance	Class F (DIN EN 12501-1)
Water Resistance	Passed
Grammage	110g/m ² (±7%)
CE Certificate	Passed
Core	72mm inner core diameter
Moisture Resistance	$\mu = 108074$
Water Vapour Resistance	$Z_p = 142.109m^2.S.Pa/Kg$

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