

PHS Scrim Reinforced Airtight Membrane

Brand: Passive House Systems

PHS Scrim Reinforced Airtight Membrane is a high-quality membrane that enables airtightness and vapour control in roof and wall constructions. The scrim reinforcing drastically increases the membrane's tensile strength and tear resistance, making it an ideal solution in areas where the membrane is wrapped into the structure, increasing the possibility of tearing such as wrapping hollowcore slabs at intermediate floors.

TECHNICAL DETAILS

Composition:	Non-woven polypropylene, high-density polyethylene, flame-resistant ethylene vinyl acetate
Nominal weight:	116g/m ² , EN1849-2
Tensile strength:	435/320 N/50m, EN12311-1
Elongation at tensile strength:	27/21%, EN12311-1
Tear resistance:	215/195N, EN12310-
Sd water vapour permeability:	3m, EN1931/EN12572
Water vapour permeability:	12g/m ² , EN1931/EN12572
Water vapour permeability vs ageing:	Passed, EN1931/EN12572
Water resistance penetration:	W1 Class, EN13401-1
Reaction to fire:	E Class, EN13401-1
Temperature resistance:	-40°C to +80°C
Sizes & Packaging:	1.5m x 50m

APPLICATION

Apply perpendicular to the direction of the application surface, i.e. studs, rafters and joists. The membrane should be fixed with staples every 150mm or double-sided tape. A Universal Joining Tape or a suitable grommet should be used for penetrations. For bonding barrier overlaps, penetrations, and repair spots, a Universal Joining Tape or a similar tape is recommended. For connections to concrete or masonry, Internal Sealant is recommended. Ensure there is a 150mm overlap of the membranes and tape with a Universal Joining Tape or another suitable tape. Ensure the corner overlaps are completely sealed.



**PASSIVE
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