

PHS Polaris Air Block

PHS Polaris Air Block is a double-layered, high performance, internal vapour control membrane, with a fixed S_d .

PHS Polaris Air Block is used as an airtight and vapour controlling membrane. It is installed on the side facing the heated interior, the warm side of the building fabric. It is suitable for use on vented flat ceilings and steeped roofs, in new builds and retrofits, and on timber, steel and masonry residential constructions.

Advantages

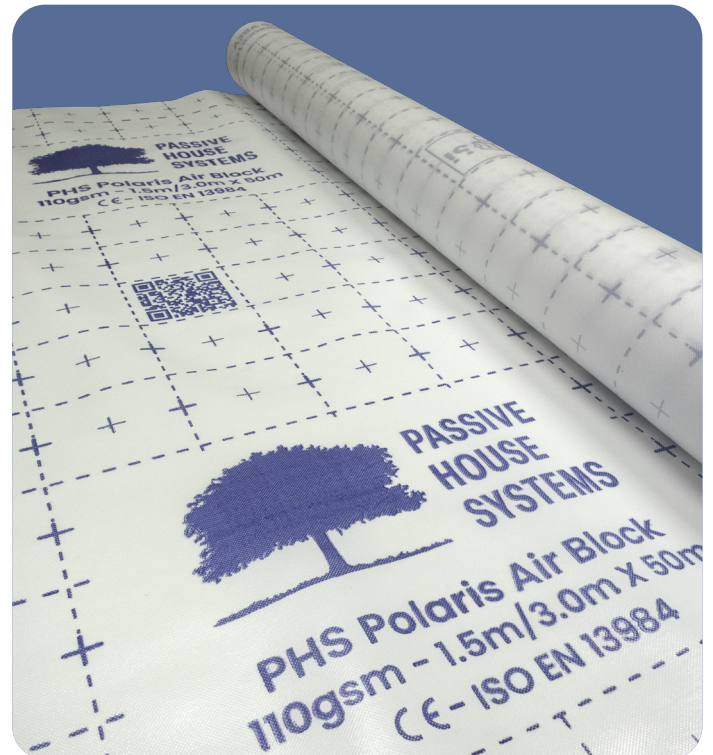
- Robust & Flexible.
- Highly Tear-Resistant.
- Fixed S_d value of 9m.
- Lightweight.
- Excellent Bonding Capacity.

Installation

To create an airtight envelope, all perforations, overlaps and joints must be sealed using an airtight tape or sealant. Avoid membrane and tape stress during and after installation, so as membrane tears do not occur and the quality of the tape joint is not compromised. Prior to installation, all bonding surfaces should be clean, dry and free of grease, oil, etc. In some applications it might be necessary to prepare the substrate surface with **PHS Primer**.

Related Products

- PHS Argo Plus (Multi-Tape).
- PHS MS Hybrid Sealant.
- PHS Service Grommets.
- PHS Double-Sided Tape.
- PHS Fusion Variable Plus Window Tape.



Technical Data

Roll Weight (kg):	1.5m - 8.5kg 3m - 17.5kg
Weight (g/m ²):	110g/m ²
Roll Length (m):	50m
Roll Width (m):	1.5m 3m
Roll Area (m ²) Colour:	White (semi transparent) Blue Text
Water Vapour Transmission:	s_d 9m
Tensile Strength Longitudinal:	-0/+20% 182 (N/50mm)
Tensile Strength Transverse:	-0/+20% 116 (N/50mm)
Elongation Longitudinal:	≥ 137%
Elongation Transverse:	≥ 122%
Tear Resistance Longitudinal:	≥ 94N
Tear Resistance Transverse:	≥ 101N
Resistance to Impact:	≥ 800mm

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