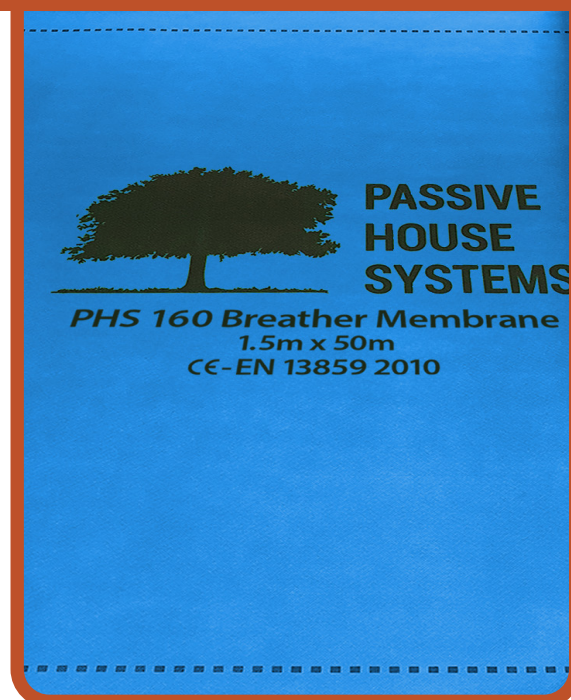


PHS 160 Breather Membrane

The **PHS 160 Breather Membrane** is a triple layer fabric, high performance breather membrane, made from high tensile spun bonded polypropylene layers, around a micro-porous polypropylene film. It is designed, manufactured and quality assured for use in a fully supported or unsupported tile, slate or metal roof systems. The high vapour permeability and waterproof nature of the membrane, combined with excellent tensile/tear strength and high wind uplift resistance, makes **PHS 160 Breather Membrane** the professional's choice as the ultimate breather membrane.

The outer layer (printed layer) forms the functional waterproof surface, the middle layer is the breathable waterproof membrane, and the inner layer protects the membrane from abrasion and damage, also giving additional strength. This enables the fabric to allow moisture vapour to pass through, whilst remaining fully waterproof. The upper surface is green and printed with our trade name and overlap lines.



Advantages

- Three layer membrane.
- Clean and easy to use.
- Lightweight and flexible.
- Excellent tensile and tear strength.
- Waterproof membrane.
- Long term durability.
- UV stable (3 months exposure).
- Warm and cold roof application.

Related Products

- PHS Wolfy Overlap Tape.
- PHS MS Hybrid Sealant.
- PHS Foam Roof Nail Sealing Tape.
- PHS Service Grommets.
- PHS Double-Sided Tape.
- PHS Fusion Variable Plus Window Tape.

Technical Data

Roll Weight (Kg)	12	
Weight (g/m ²)	160	
Roll Length (m)	50	
Roll Width (m)	1.5	
Roll Area (m ²)	75	
Colour	Blue Upper / White Lower	
Tensile Strength (EN12311-1)	MD 275N/50mm	CD 168N/50mm
Elongation (EN12311-1)	MD 85.6%	TD 107%
Nail Tear Resistance (EN12310-1)	MD 161N	TD 214N
Water Vapour Transmission (Sd) (m)	0.031	
Resistance to Fire (EN13501-1)	Class F	
Water Penetration Resistance (EN13859-1)	Class W1	
UV Resistance	3 months	

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Passive House Systems products are used by diverse customer base for a wide range of technical and industrial applications. The demands made on our products vary considerably from application to application. We strongly advise users to test the products suitability for their own particular requirement.

All data and recommendations contained in this Technical Datasheet are based on our own test results and practical experience and are aimed at helping customers select the appropriate product. This information is provided without liability. We reserve the right to change the technical specification without prior notice. Samples are available free of charge. Our sales team are available to help support all technical specifications for our products.