

PHS Sd Variable Plus

The PHS Sd Variable Plus Membrane is a triple layer fabric, high performance membrane, made from non-woven PP fabric. PHS Sd Variable Plus is a robust airtight membrane with a variable Sd value made using a mesh reinforced material. It creates an airtight barrier and provides variable diffusion resistance which allows it to change its diffusion based on the environment. This creates an airtight layer that dynamically adjusts based on the humidity of the environment, preventing condensation build up and moisture damage. PHS Sd Variable Plus is highly recommended for flat roof builds.

Advantages

- Robust & Flexible.
- Highly Tear-Resistant.
- Moisture Variable, Sd value 0.4-35m.
- Suitable for Air-Injected Insulation & Insulation Mats.

Installation

- Lay the membrane so that the printed side is facing the fitter.
- Lay the sheet parallel or at a right angle to the rafters with an overlap of at least 10cm.
- Ensure flush-mounted bay insulation, there should be no cavities between the bay insulation and membrane.
- The membrane is translucent making it easier to see markings, measurements and fixtures.
- Fit the membrane free of tension and avoid creases.
- Overlaps, component joints and penetrations must be made airtight with PHS sealing products including tapes and sealant.

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)	7.7
Weight (g/m ²)	0.103
Roll Length (m)	50
Roll Width (m)	1.5
Roll Area (m ²)	75
Colour	White (transparent)
Tensile Strength (EN12311-1)	387
Elongation (EN12311-1)	24%
Nail Tear Resistance (EN12310-1)	230
Water Vapour Transmission (Sd) (m)	0.4 - 35m (EN 12572)
Resistance to Fire	E
Water Penetration Resistance	Passed

Passive House Systems IE
P31 W950, Ballincollig, Cork, Ireland
tel. (+353) 021 4872664
www.passivehousesystems.ie

Passive House Systems UK
CM16 6th, Epping, Essex, UK
tel. (+44) 0333 880 2347
www.passivehousesystems.co.uk

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.