



Installation

Permo[®] air should be laid in accordance with our installation details set out in the BBA certificate.

Related products

To protect the Permo[®] air at the eaves and to prevent ponding, Underlay Support Trays are available along with a range of adhesive tapes. Eaves closers are available for counterbattened roof structures.

Wallint[®] 50 and Wallint[®] solar air barriers and vapour control layers.

Permo[®] air, a low resistance air-open underlay. It is the ideal solution where there is a high risk of condensation forming in the roofspace.

Product features & benefits

- Lowest vapour resistance of all breathable membranes
- No ventilation required
- Available in 2 widths: 1.5 x 50m & 1m x 50m
- Hydrophobically treated
- Type LR underlay
- Strong 3 layer material
- Recyclable
- UV stable for 4 months
- Superior nail tear strength

Area of application

Suitable for:

- Cold and warm roof applications
- Being both air open & vapour permeable further minimises the risk of condensation forming, particularly during the drying out period of a building
- Batten spacing 350mm

UK Wind Zone map

Permo[®] air zones 1-3 at maximum overlap batten gauge and all zones with Permo[®] TR plus tape.

Material

Permo[®] air is a strong 3 layer product consisting of UV stabilised PP fleece and a high performance Meltblown layer.

Roll size / Roll weight / Packaging

50m x 1.00m (50m²) / 8kg / 20 rolls/pallet
50m x 1.50m (75m²) / 12kg / 20 rolls/pallet

Product code

KU0045-1 (50m x 1.0m)
KU0045-15 (50m x 1.5m)

Certification

- CE certified
- BBA certified

TECHNICAL DATA

Weight EN 1849-2	160g/m ²	
Water vapour resistance BS 3177	0.045 MNs/g	
Resistance to water penetration, EN 1928	W1	
Resistance to air penetration/wind loads	>2.5 kPa	
Tensile strength longitudinal / transverse, BS EN 12311-1	280N/40mm	200N/40mm
Resistance to tearing (nail shank) longitudinal, BS EN 12310-1	140N	130N
Reaction to fire, EN 13501-1, EN 11925-2	E	
Resistance to temperature	-40°C to + 80°C	
UV exposure*, EN 13859-1	4 months	

*The Underlay can be used to provide temporary weather protection; however an exposed underlay will be subjected to UV light which may lead to premature failure; therefore, the exposure period should be kept to a minimum. An underlay is not a total waterproof barrier and if used as a temporary waterproof covering, some rain penetration may occur. In certain conditions, particularly if there is persistent heavy rainfall combined with subsequent severe freeze/thaw conditions, an underlay should not be exposed for more than a few days. (BBA)

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