

Permo[®] forte / Permo[®] forte SK²

Very strong & robust vapour permeable roofing underlay



Permo[®] forte SK² has a double integral tape at the laps. This creates a very effective and secure airtight seal, reducing energy loss.

- Glue-on-glue connection creates perfect seal
- Problems laying in wet/dusty conditions avoided because both strips protected by release paper

An unsupported underlay should provide a drape between rafters sufficient enough to ensure that any water will run away from the batten fixing nail penetrations at rafters, and allows it to drain to the eaves gutter.

Contact between the membrane and the roof covering should be avoided during and after installation. Permo[®] forte should be laid with a maximum drape of 15mm.

Permo[®] forte is an extremely strong 4-layer vapour permeable underlay with a built-in safety grid. It is suitable for all pitched roofs. Permo[®] forte should be laid in accordance with our installation details and BBA/IAB approved certificates.

Product features & benefits

- UV stable for 4 months
- Double hydrophobically treated
- Allows the roof structure to breathe, weathertight
- Counterbattens only required on fully supported applications
- Limits air leakage in a sealed roof application
- Type LR underlay
- Permo[®] forte SK² has a double integral tape - creating a strong and durable airtight seal to reduce energy loss. This avoids the use of a separate tape, making installation faster.

Area of application

Suitable for cold and warm roofs.

UK Wind Zone map

Permo[®] forte zones 1-4 at maximum overlap batten gauge
Permo[®] forte SK² all zones

Material

Strong laminated sheet material, with outer layers of polypropylene, an inner layer of microporus polyethylene film and re-inforcement mesh.

Roll sizes / Roll weights / Product Code

Permo [®] forte		
50 x 1.5m (75m ²)	10.9kg	KU0044-07-1
50 x 1.1m (55m ²)	8.0kg	KU0044-07-05-1
Permo [®] forte SK ²		
50 x 1.5m (75m ²)	11.5kg	KU0044-07-1-1-1
50 x 1.1m (55m ²)	8.5kg	KU0044-07-05-1-1

Packaging

20 rolls per pallet

Certification

- CE certified
- BBA certified
- IAB certified

Related products

- Underlay Support Trays
- Adhesive tapes for joining vertical laps and repairs
- Eaves closers for counterbattened roofs

TECHNICAL DATA

Weight	145g/m ²	
Water vapour resistance BS 3177	0.15 MNs/g	
Water vapour permeability BS 3177	1342 g/m ² /day	
Water vapour transmission EN ISO 12572 (s _d value)	0.03m	
Water column	W1	
Tensile strength longitudinal / transverse, BS 2782-3	430N/50mm	370N/50mm
Nail tear strength longitudinal / transverse, MOAT 27:5.4.1	320N	340N
Fire Rating	E	
Temperature	-40°C to + 80°C	
UV exposure*	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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