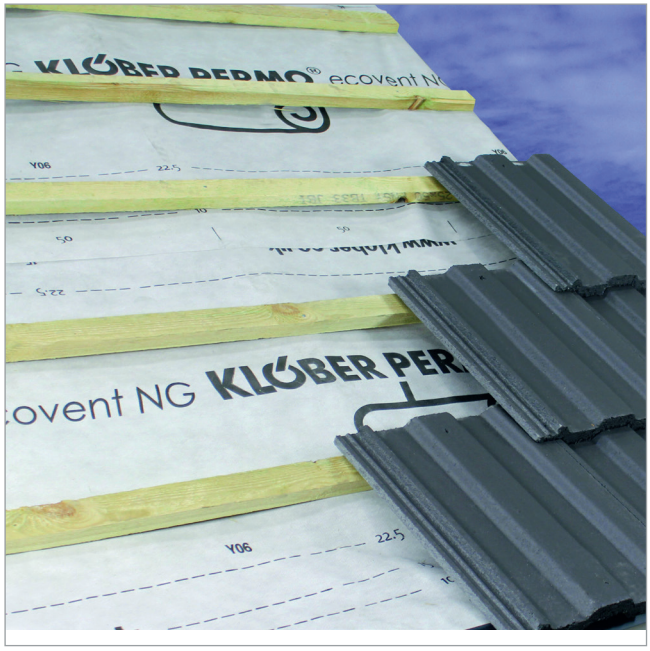
Permo® ecovent NG / Permo® ecovent NG SK²

Lightweight vapour-permeable roofing underlay



Installation

Permo® ecovent NG should be laid in accordance with the fitting instructions supplied with each roll and with the BBA approval certification.

Related products

- To protect Permo® ecovent NG at the eaves and prevent ponding, Underlay Support Trays are available along with a range of adhesive tapes. Eaves closers are available for counterbattened roof structures.
- Wallint® 50 or Wallint® solar vapour control layer

Permo® ecovent NG is a lightweight three-layer vapour-permeable roofing underlay suitable for warm and cold pitched roofs.

Product features & benefits

- Lightweight three-layer vapour-permeable roofing underlay
- BBA approved for non-ventilated cold and warm roofs
- No additional ventilation required
- UV stable for four months
- Allows roof structure to breathe, weathertight
- Type LR underlay
- Limits air leakage in a sealed roof application
- SK² has a double integral tape – creating a strong and durable airtight seal to reduce energy loss

Area of application

Suitable for cold and warm roofs

UK Wind Zone map

Permo® ecovent NG	zones 1-2 with maximum overlap batten gauge
Permo® ecovent NG SK²	all zones

Material

Laminated sheet material, with outer layers of polypropylene, and an inner layer of polyethylene

Roll sizes / Roll weight / Packaging

50 x 1.5m (75m²) / 8.25kg / 20 rolls/pallet
50 x 1.1m (55m²) / 6kg / 20 rolls/pallet

Product codes

50 x 1.5m	KU0039-2-15
50 x 1.1m	KU0039-2
50 x 1.5m SK²	KU0039-2-11-15
50 x 1.1m SK²	KU0039-2-11

Certifications

- CE certified
- BBA certified

TECHNICAL DATA

Weight	110g/m²	
Water vapour resistance BS 3177	0.15 MNs/g	
Water vapour transmission EN ISO 12572 (s_d value)	< 0.03m	
Water column, EN 20811	W1	
Tensile strength longitudinal / transverse DN EN 13859-1	200N/50mm	135N/50mm
Resistance to tearing (nail shank) longitudinal / transverse DN EN 13859-1	135N	160N
Reaction to fire EN 13501-1, EN 11925-2	Class E	
Resistance to temperature	-20°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 that a few days. (BBA)

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