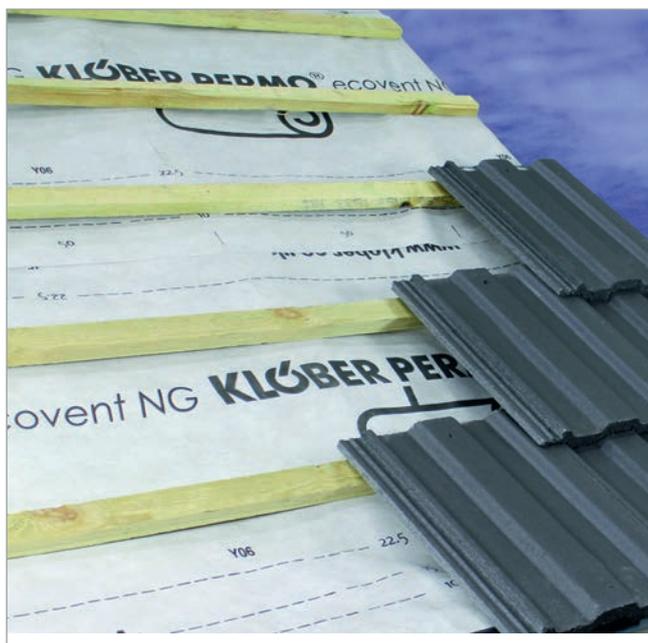


# Permo<sup>®</sup> ecovent NG / Permo<sup>®</sup> ecovent NG SK<sup>2</sup>

Lightweight vapour-permeable roofing underlay



## Installation

Permo<sup>®</sup> ecovent NG should be laid in accordance with the fitting instructions supplied with each roll and with the BBA approved certification.

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<sup>®</sup> ecovent NG should be laid with a maximum drape of 15mm.

Permo<sup>®</sup> 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
- SK<sup>2</sup> 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<sup>®</sup> ecovent NG zones 1-2 with maximum overlap batten gauge  
Permo<sup>®</sup> ecovent NG SK<sup>2</sup> 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 (75m<sup>2</sup>) / 8.25kg / 20 rolls/pallet  
50 x 1.1m (55m<sup>2</sup>) / 6kg / 20 rolls/pallet

## Product codes

50x1.5m: KU0039-2-15      50x1.5m SK<sup>2</sup>: KU0039-2-1-1-15  
50x1.1m: KU0039-2      50x1.1m SK<sup>2</sup>: KU0039-2-1-1

## Certifications

- CE certified    ■ BBA certified

## Related products

- To protect Permo<sup>®</sup> 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<sup>®</sup> 50 or Wallint<sup>®</sup> solar vapour control layer

## TECHNICAL DATA

Weight	110g/m <sup>2</sup>	
Water vapour resistance BS 3177	0.15 MNs/g	
Water vapour transmission EN ISO 12572 (s <sub>d</sub> 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 than a few days. (BBA)

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# KLOBER