

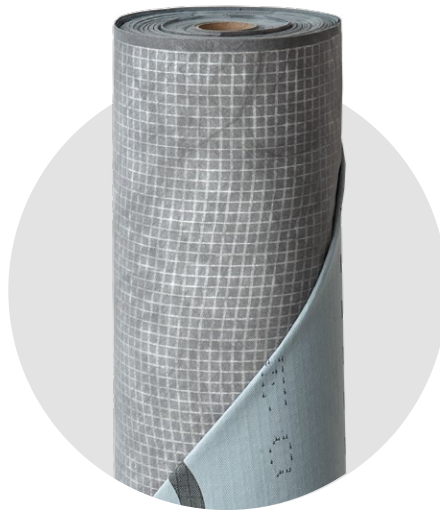


Klober's strongest breathable roof membrane, with a built-in safety grid.

Part of The Specialist membrane range, Permo Forte 145 is Klober's strongest breathable roofing membrane.

The four-layer, vapour-permeable roof membrane includes a built-in grid for additional strength and safety.

Permo Forte 145 is a particularly effective solution for controlling condensation and is a BBA approved low resistance roof membrane. Permo Forte 145 can be installed in both unsupported and fully supported applications.

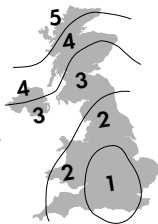


Features and benefits

- A strong four-layer membrane, which includes a reinforced grid that offers additional safety benefits.
- Low resistance (LR) membrane to BS 5250.

Area of application

- Suitable for Cold and Warm Roofs.
- Wind zones 1-4 with battened headlap.
- All wind zones with taped headlap.



(Wind zones shown are for a 345mm batten gauge, in accordance with BS 5534).

Related products

- Underlay Support Tray KP973910
- Permo Tape KU0121-1
- Tacto Tape KU0111
- Over Fascia Vent KP965200 / KP964300
- Roll Out Rafter Tray, all sizes.

Approvals and certifications

- BBA approved (cold vented / warm non vented and cold non vented).
- NSAI approved. • CE/UKCA
- Manufactured to BS EN 13859-1:2010.
- All products supplied by Klober Ltd are covered by a 10 year guarantee against manufacturing defect.



Technical guidance

Material: Spunbond polyolefin with a microporous polyolefin membrane and re-inforcing mesh.

Colour	Light grey
BBA Certificate Number	00/3749 and 99/3622
Weight g/m ² EN 1849-2	145
Water vapour transmission (SD value) EN 12572	0.03m
Resistance to water penetration EN 1928	W1
Tensile strength MD/CD (N/50mm) EN 12311-1	430/370
Nail tear strength MD/CD (N) EN 12310-1	320/340
Elongation MD/CD (%) EN 12311-1	20/15
Fire rating EN 13501-1 EN11925-2	E
Resistance to temperature	-40°C to +80°C

Product information

Product code	Width m	Length m	m ²	Weight Per Roll kg	Pallet quantity
KU0044-07-1	1.5	50	75	10.9	20
KU0044-07-05-1	1.1		55	8	

PLEASE NOTE: 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)