



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

Permo Forte is an extremely strong, four-layer roof underlay with a built-in safety grid. The low resistance, vapour permeable roof membrane is available with or without self-adhesive tape and is suitable for pitched roofs. It is a particularly effective solution for controlling condensation, whilst the self-adhesive tape creates a secure airtight seal, reducing energy loss. Permo Forte is a BBA approved low resistance roof membrane.



PERMO

FORTE

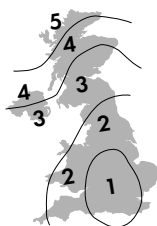


Features and benefits

- A strong four-layer membrane, which includes a reinforced grid that offers additional safety benefits.
- Available with or without self-adhesive tape, which creates a strong and durable water and air tight seal, to reduce energy loss and provide strong protection against winds.
- BBA approved low resistance membrane.

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 34.5mm batten gauge.)



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
- All products supplied by Klober Ltd are covered by a 10 year guarantee against manufacturing defect.



Technical guidance

Material	Strong outer layers of polypropylene and inner layer of microporous polyethylene film with reinforcement mesh.	
Colour	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	

*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)

Product information

Product code	Description	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	
KU0044-07-11-1	with tape	1.5		75	10.9	