



The UK's leading low pitched roof membrane.

Permo Extreme is a tear-resistant roof underlay designed for use on low pitched roofs, down to a minimum roof pitch of 12.5° for interlocking tiles, 15° for slates and 22.5° for plain tiles.

This makes Permo Extreme roof membrane the perfect solution for a variety of projects, particularly as the roll is available in a half-size for smaller projects.

The membrane is fleece lined to control condensation, whilst it's fitted with self-adhesive tape, which provides a permanent seal of overlaps and immediate weatherproofing protection against wind, rain and snow.

For low pitched roofing Permo Extreme installation guidelines should be followed at all times.



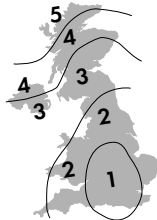
Features and benefits

- Offers design flexibility by enabling you to use tiles below their recommended minimum pitch.
- The fleece layer greatly reduces the risk of condensation forming.
- TPU coating and self adhesive headlap tape ensures greater durability for a water and airtight seal.

Area of application

- High resistance (HR) membrane to BS 5250 so requires ventilation.
- Minimum roof pitch of 12.5° for interlocking tiles, 15° for slates and 22.5° for plain tiles.
- Wind zones 1 - 5.

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



Related products

- Butylon Tape KU0104
- Pasto Sealant KU0128
- Underlay Support Tray KP973910
- Over Fascia Vent KP964300 / KP965200
- Roll Out Rafter Tray, all sizes.

Approvals and certifications

- 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: Two layer underlay with monolithic TPU coating on PES fleece.

Colour	Dark blue
Weight g/m ² EN 1849-2	200
Water vapour transmission (SD value) EN 12572	0.08m
Resistance to water penetration EN 1928	W1
Tensile strength MD/CD (N/50mm) EN 12311-1	460/300
Nail tear strength MD/CD (N) EN 12310-1	300/380
Elongation MD/CD (%) EN 12311-1	60/90
Fire rating EN 13501-1 EN11925-2	E
Resistance to temperature	-40°C to + 80°C

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.

Product information

Product code	Width m	Length m	m ²	Weight Per Roll kg	Pallet quantity
KU0170-1-11	1.5	50	75	15	20
KU0170-1-11-25		25	37.5	7.5	30

Klober is certified to ISO 9001:2015 for Quality Management and ISO 14001:2015 for Environmental Management. All Klober products comply fully with all relevant Building Regulations and British Standards.