

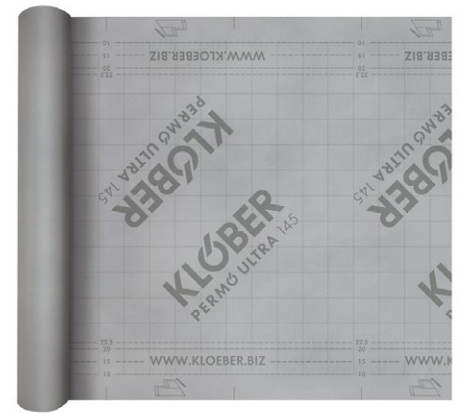


A high quality everyday membrane, with added durability and strength.

Ultra 145 is Klover's high quality everyday roofing membrane. This membrane consists of a 3-layer composition for added strength and durability, with a central breathable technology.

The Ultra 145's breathable properties supports to control moisture, whilst offering protection against the elements entering the roof space.

Ultra 145 can be installed in both unsupported and fully supported applications.

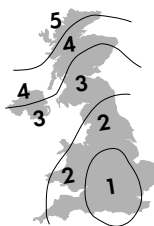


Features and benefits

- High quality everyday breathable membrane, suitable for everyday projects.
- A durable three-layer breathable membrane.
- Low resistance (LR) membrane to BS 5250.
- Fleece made of up to 30% recycled material.

Area of application

- Suitable for Cold and Warm Roofs.
- Wind zones 1-3 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 Klover Ltd are covered by a 10 year guarantee against manufacturing defect.



Technical guidance

Material: Spunbond polyolefin with a microporous polyolefin membrane.

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	280/230
Nail tear strength MD/CD (N) EN 12310-1	180/180
Elongation MD/CD (%) EN 12311-1	60/70
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
KU0043-04-1	1.5	50	75	10.9	20
KU0043-04-05-1	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)