

# Permo<sup>®</sup> Sec



## Description

Permo<sup>®</sup> Sec is a vapour permeable waterproofing barrier that is installed as a separating layer between copper, zinc, aluminium and stainless steel standing seam roof finishes and the supporting deck.

Permo<sup>®</sup> Sec comprises of an outer layer of polypropylene mesh bonded to a vapour permeable membrane. The product is laid between the timber deck/insulation and the outer metal roof covering and can either be laid horizontally or vertically and is fixed using non-ferrous staples or flat head clout nails on the overlap.

Permo<sup>®</sup> Sec will prevent any condensation that occurs on the underside of the metal roof covering from re-entering the roof structure and will offer protection against any external moisture that may penetrate the outer roof covering. Provides an air space below zinc coverings to allow protective oxidation to form.

## Material

5 Layer fleece foil combination of polyolefin, hydrophobic treatment and PP monofilament mesh.

## Colour

Outer surface - Anthracite  
Inner surface - White

## Roll Sizes

25 x 1.5m (37.5m<sup>2</sup>)

## Roll Weight (Approx)

21 Kg

## Product Code

KU0027

## Related Products

Klober also manufacture a range of adhesive tapes for sealing and repairing breather membranes for wall and roof structures.

## Features

- Can be laid over rigid insulation or timber boarding.
- Suitable for roof pitches over 3°.
- Will cover any irregularities within the roof deck, that could de-form the metal roof covering.
- Provides a fully waterproof secondary barrier to moisture penetration.
- Fully vapour permeable
- With an acoustic value of 8db, Permo<sup>®</sup> Sec will help to reduce the transmission of external structure borne sounds e.g. rain hammer.
- Will not bond with the under side of the outer covering in hot conditions.
- Allows movement between the outer covering and the structural deck.

## Installation

Permo<sup>®</sup> Sec should be laid in accordance with our installation details set out in our Permo<sup>®</sup> Sec Product Guide.



## Features

Thickness (mm)	8.0 (Nominal)
Melting Point	> 200°C
Water Vapour Resistance Sd Value DIN 52615 (m)	<0.02
Water Vapour Permeability EN ISO 12572 (g/m <sup>2</sup> /day)	>1200
Weight (g/m <sup>2</sup> )	550
Tensile Strength DIN EN 12311-1	
Longitudinal (N/5cm)	320
Transverse (N/5cm)	290
Nail Tear Strength DIN EN 12310-1	
Longitudinal (N)	280
Transverse (N)	340
Fire Rating	B2
Temperature	-30°C to + 80°C
Water Tightness Class	W1
Water Head EN 20811	>1500mm
Acoustic Damping Value	8db
UV Exposure	4 Months