





Alkreflex® Roof 1.7 is a multi-layer insulating breathable membrane. It is waterproof, breathable, insulating and space-saving. Extremely suitable for application where adjustments of gutter and fascia due to the thickness may not or hardly be adjusted, such as with monuments or terraced houses. Alkreflex® Roof 1.7 consists of a core of high density wool sealed by two vapour permeable membranes. The bottom layer contributes to the overall thermal resistance of the structure through reflection of thermal radiation (infrared). Alkreflex® Roof 1.7 contains no stitching which prevents air or moisture leaks. Alkreflex® Roof 1.7 is an efficient and effective insulation solution with low space loss.

Application

Alkreflex® Roof 1.7 is to be applied as a breathable and waterproof layer on the cold side of the construction. The waterproofing layer should face outward. For optimal results, it is recommended that the reflective layer be kept at least 20 mm clear of the substrate. Alkreflex® Roof 1.7 can be used in both new construction and renovation work in facade and roof constructions.

Benefits

- ✓ Breathable
- ✓ Waterproof
- ✓ R-value of 1.7m² K/W when an air layer and transitional resistances are applied
- ✓ Requires minimum space
- ✓ Airtight insulation
- ✓ Energy saving
- ✓ Insulating
- ✓ Membrane and insulation, 2 in 1
- ✓ Membrane flap provides quick waterproofing without thickness buildup

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Alkreflex® Roof 1.7	1,20 m	10 m	8413012000	8714672005103	18 roll / pallet	11,5 kg
 Facade	 Roof	 Breathable	 Waterproof	 Maximum 2 months UV-resistant	 One-sided reflection	 Noise reduction

Specifications

Water vapour transmission 300 g / m² / day	Temperature resistance - 20 °C / + 80 °C
Weight 950 gr / m²	Water vapour resistance Sd 0,068 m
Tensile strength (length) minimum 400 N / 50 mm	Water tightness W1
Tensile strength (cross) minimum 400 N / 50 mm	Fire class E
R-value 1,7 m² K/W	



Installation

Alkreflex® 1.7 must be installed horizontally and in a shingle fashion. Alkreflex® 1.7 is equipped with an overlap flap for excellent drainage without build-up of thickness. Tape the overlaps along the entire length with VASTR® non-woven tape for an air and watertight finish. The material should be fastened between battens. For optimal reflection, it is recommended to maintain an air cavity of at least 20 mm on the aluminium reflection side.



Related products

Tyvek®

FlexWrap tape



MG VASTR®

Non-woven tape



MG VASTR®

Butyl tape



MG VASTR®

Nail Sealing tape



Description

Tyvek® FlexWrap tape

VASTR® Non-woven tape

VASTR® Butyl tape

VASTR® Nail Sealing tape

Width

60 mm

75 mm

30 mm

60 mm

Length

10 m

25 m

20 m

20 m

Article no.

8106001000

8107502504

8103002000

8106002010

EAN code

5450208029771

8714672005202

8714672005233

8714672005332

Quantity

3 roll / box

8 roll / box

8 roll / box

5 roll / box



Membrane guide

Do you need advice on which membrane to use for your project?

Find the most suitable product in just one minute with our membrane guide. Scan the QR code with the camera of your smartphone and find out which product you need.

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