

MG ALKREFLEX® 2.5






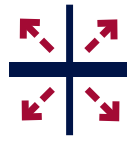

Alkreflex® 2.5 is a multi-layer insulating membrane, which is suitable for wall and roof application. Alkreflex® 2.5 consists of a core of high density wool sealed by two vapour barrier reflective membranes. Alkreflex® 2.5 contributes, through reflection of thermal radiation (infrared) in combination with the core insulation, to the overall thermal resistance of the structure. The multilayer insulation blanket contains no stitching, preventing air or moisture leaks.

Application

Alkreflex® 2.5 is used as an insulating vapour barrier in roof, wall and floor constructions. In roof structures, the multi-membrane can be used on the inside. When used in wall constructions, the multi-membrane can be used in a variety of ways: in renovation as insulation in a pre-wall, as additional insulation, thermal bridge interruption and on the cold side of a masonry or concrete inner sheet. In the case of floors, insulation is installed in the crawl space with a cavity, underneath the floor. For optimal reflection, it is recommended to keep an air cavity of 20 mm on both sides. Alkreflex® 2.5 can be used in both new build and renovation work.

Benefits

- ✓ Reflects more than 95% radiation
- ✓ Air and vapour tight
- ✓ Reduces the risk of condensation
- ✓ Strong and lightweight
- ✓ Energy saving
- ✓ Quick and easy to apply
- ✓ Limited thickness
- ✓ Upgrade of existing insulation
- ✓ Membrane and insulation 2-in-1

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Alkreflex® 2.5	1,20 m	10 m	8412012000	8714672005097	18 roll / pallet	11,5 kg
						
Wall	Roof	Floor	Vapour barrier	Waterproof	Two-sided reflective	Noise reduction

Specifications

Water vapour transmission <0,015 g / m² / day	Temperature resistance - 20 °C / + 80 °C
Weight 950 gr / m²	Water vapour resistance Sd > 1500 m
Tensile strength initially (length) > 400 N / 50 mm	Water tightness W1
Tensile strength initially (cross) > 400 N / 50 mm	Fire class E
R-value 2,5 m²K/W	



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Installation

Alkreflex® 2.5 must be installed horizontally with a minimum overlap of 50 mm. Tape the overlaps along the entire length with VASTR® Aluminium tape basic for an air and vapour tight finish. The material should be fastened with battens. For optimal reflection, an air cavity of 20 mm on both sides is recommended. When Alkreflex® 2.5 is cut to size, always close the outer layers around the core using tape.



Related products

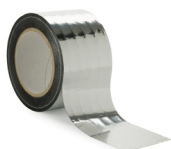
Tyvek®

FlexWrap tape



MG VASTR®

Aluminium tape basic



MG VASTR®

Butyl tape



MG VASTR®

Total tape



Description

Tyvek® FlexWrap tape

VASTR® Aluminium tape basic

VASTR® Butyl tape

VASTR® Total tape (black)

VASTR® Total tape (black)

VASTR® Total tape (white)

Width

60 mm

75 mm

30 mm

60 mm

100 mm

60 mm

Length

10 m

25 m

20 m

25 m

25 m

25 m

Article no.

8106001000

8107502502

8103002000

8106002502

8110002501

8106002501

EAN code

5450208029771

8714672002638

8714672005233

8714672000474

8714672000481

8714672999884

Quantity

3 roll / box

16 roll / box

8 roll / box

10 roll / box

6 roll / box

10 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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