

Alkreflex® 2L-2 is composed of two layers of Air cushion membrane, finished with a layer of coated pure aluminium on both sides. Combined with a 20 mm air cavity on both sides, Alkreflex® 2L-2 provides optimum insulation value by reflecting radiant heat. The additional coating protects the aluminium from corrosion in alkaline environments (masonry, cement and concrete).

### Application

Alkreflex® 2L-2 is used as vapour barrier insulation in (cavity) walls, floors, on the warm side (usually the inside) of roofs, industrial buildings such as warehouses, units, containers and caravan construction. Alkreflex® 2L-2 is ideally suited for crawl space insulation. Due to the favorable heat flow direction, a high Rc value is achieved.

### Benefits

- ✓ Extremely vapour tight
- ✓ Two-sided reflective
- ✓ R-value of 1.3m<sup>2</sup> K/W when using both sides an air layer and transitional resistances
- ✓ Energy Saving
- ✓ Moisture insensitive
- ✓ Minimal loss of space
- ✓ Reflects at least 80% of heat to the outside in summer
- ✓ Membrane and insulation, 2 in 1
- ✓ Easy to cut to size

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Alkreflex® 2L-2	1,20 m	25 m	5535012000	8714672000146	16 roll / pallet	10 kg
	1,50 m	25 m	5535015000	8714672000153	8 roll / pallet	13 kg



Wall



Roof



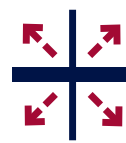
Floor



Vapour barrier



Waterproof



Two-sided reflective

### Specifications

Water vapour transmission <b>&lt; 0,015 g / m<sup>2</sup> / day</b>	Temperature resistance <b>- 40 °C / + 70 °C</b>
Weight <b>350 gr / m<sup>2</sup></b>	Water vapour resistance <b>Sd &gt; 1500 m</b>
Nail tear resistance initial (length) <b>120 N</b>	Water tightness <b>W1</b>
Nail tear resistance initial (cross) <b>145 N</b>	Fire class <b>F</b>
Tensile strength (length) <b>&gt; 175 N / 50 mm</b>	Elongation (length) <b>150 %</b>
Tensile strength (cross) <b>&gt; 110 N / 50 mm</b>	Elongation (cross) <b>70 %</b>
R-value <b>1,3 m<sup>2</sup> K/W</b>	



### Installation

Alkreflex® 2L-2 should be used in combination with two layers of air (cavity) of at least 20 mm for optimum insulation in order to utilise the maximum insulating effect. In exterior walls, the outer air layer should be weakly ventilated. As roof insulation, we recommend Alkreflex® 2L-2 only on the inside of the roof. In this way, it has a double function: insulating and as a vapour barrier. Finish seams and overlaps with VASTR Aluminium tape basic. As floor insulation, Alkreflex® 2L-2 is fixed to the underside against the wooden floor joists with light ventilation parallel to the joists. For application under concrete-like floors, Alkreflex® 2L-2 must be used with a minimum 20 mm layer of air between the insulation and the floor.



### 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 (zwart)

VASTR® Total tape (zwart)

VASTR® Total tape (wit)

#### 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.

*All our products are intended exclusively as building or construction materials. Therefore, the user of our products is expected to be familiar with the basic principles of building physics, the regionally applicable building standards and the official national building regulations. Meuwissen Gerritsen B.V. and/or our employees are not liable for any damage resulting from (careless or incorrect) use of our products.*