

Alkreflex® One is a composite reflection membrane; two layers of pure aluminium on either side of a core of air cushion membrane. Combined with a 20 mm air cavity on both sides, Alkreflex® One provides optimum insulation value by reflecting radiant heat. The low thickness and handy size of the roll make the product particularly suitable for renovation purposes. Because Alkreflex® One is moisture insensitive, it is often used as a convenient solution for post-insulating unwanted cold surfaces.

## Application

Alkreflex® One is used as a vapour barrier radiant foil in (cavity) walls, floors, on the warm side (mostly inside) of roofs, industrial buildings like warehouses, units, containers and caravans. Alkreflex® One is also extremely suitable as a radiation foil behind radiators, the insulation of crawling spaces or garage doors.

## Benefits

- ✓ Extreme vapour barrier
- ✓ Two-sided reflective
- ✓ Reduces energy consumption
- ✓ Insensitive to moisture
- ✓ Reflects heat in summer
- ✓ Insulation and barrier in one
- ✓ Easy to install

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Alkreflex® One	0,6 m	10 m	5822006021	8714672002553	60 roll / pallet	1,3 kg



Wall



Roof



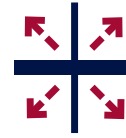
Floor



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>150 gr / m<sup>2</sup></b>	Water vapour resistance <b>&gt; 1500 m</b>
Fire class <b>F</b>	Water tightness <b>W1</b>



# MG ALKREFLEX® ONE

## Installation

Alkreflex® One needs to be installed with an air cavity of 20 mm on both sides for optimal insulation properties. In roof constructions as an insulating layer we recommend to install Alkreflex® One on the inside (warm side) of the roof. Installed like this Alkreflex® One has a double function; radiating heat and as a barrier to moisture. Junctures and overlaps need to be sealed by applying VASTR® Aluminium tape basic. Insulating the floor by securing Alkreflex® One on the underside of the floor beams with a mild ventilation between floor and foil. Applying Alkreflex® One as radiator foil by simply cutting the material to the right size and apply with magnets or double sided tape.



## Related products

### Tyvek®

FlexWrap tape



### MG VASTR®

Aluminium tape basic



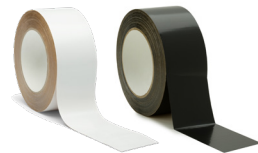
### MG VASTR®

Butyl tape



### MG VASTR®

Total tape



Description	Width	Length	Article no.	EAN code	Quantity
Tyvek® FlexWrap tape	60 mm	10 m	8106001000	5450208029771	3 roll / box
VASTR® Aluminium tape basic	75 mm	25 m	8107502502	8714672002638	16 roll / box
VASTR® Butyl tape	30 mm	20 m	8103002000	8714672005233	8 roll / box
VASTR® Total tape (black)	60 mm	25 m	8106002502	8714672000474	10 roll / box
VASTR® Total tape (black)	100 mm	25 m	8110002501	8714672000481	6 roll / box
VASTR® Total tape (white)	60 mm	25 m	8106002501	8714672999884	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.*

