

# MG MIOFOL®

## AVS4

Miofol® AVS 4 is a 5-layer laminated membrane with overlap and integrated adhesive strip. Miofol® AVS 4 includes a 4 mm PE foam and pure aluminium membrane. The aluminium is protected by a coating. Thanks to the good thermal conductivity of aluminium, when combined with underfloor heating, living comfort is significantly improved. The heating time of the floor is reduced by about 25% and the surface temperature is increased.

### Application

Miofol® AVS 4 is used as a vapour barrier separating layer under a cement screed. Miofol® AVS 4 is specially developed for use under screeds incorporating underfloor heating. The coated aluminium top layer provides optimal heat conduction, allowing the screed to heat up quickly and evenly. This provides high comfort and a lower thermostat setting. Vapour barrier applications on the inside of construction and insulation such as climate class 4 are also among suitable applications.

### Benefits

- ✓ Comfort enhancing
- ✓ Reduces floor warm-up time by about 25%
- ✓ Reduces impact sound
- ✓ Prevents cracks in finish floors due to action in the structural floor
- ✓ Features an integrated adhesive strip and membrane flap
- ✓ Light, strong, elastic and flexible
- ✓ Suitable for cement screeds and anhydrite screeds
- ✓ Easy to process
- ✓ Vapour-proof
- ✓ CFC- and HCFC-free

| Description  | Width  | Length | Article no. | EAN code      | Quantity         | Weight |
|--------------|--------|--------|-------------|---------------|------------------|--------|
| Miofol® AVS4 | 1,50 m | 25 m   | 3218715003  | 8714672001273 | 10 roll / pallet | 6,5 kg |



Floor



For wooden floors



For underfloor heating



Waterproof



Vapour barrier



Protected against masonry mortar

### Specifications

|   |  |
|---|--|
| Water vapour transmission<br><b>&gt; 0,015 gr / m<sup>2</sup> / day</b> | Temperature resistance<br><b>-20 °C / 70 °C</b>  |
| Weight<br><b>175 gr / m<sup>2</sup></b>                                 | Water vapour resistance<br><b>Sd &gt; 1500 m</b> |
| Tear strength initial length<br><b>43 N</b>                             | Water tightness<br><b>W1</b>                     |
| Tear strength initial transverse<br><b>57 N</b>                         | Fire class<br><b>F</b>                           |
| Tensile strength initially (length)<br><b>103 N / 50 mm</b>             | Elongation at break (length)<br><b>84 %</b>      |
| Tensile strength initially (cross)<br><b>67 N / 50 mm</b>               | Elongation at break (cross)<br><b>15 %</b>       |
| R-Value<br><b>0,15 m<sup>2</sup> K / W</b>                              | Noise reduction<br><b>+ / - 5 dB</b>             |



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### Installation

Roll out Miofol® AVS 4 lengthwise on a flat and clean swept floor and set it up against the walls. The aluminium side should be processed facing upward. Using the integrated adhesive strip and overlap, join the sheets together to form a closed moisture barrier. After one hour, cut off the excess at the walls and place Miofoam® Edge insulation strips against the walls.



### Related products

#### MG VASTR®

Aluminium tape basic



#### MG VASTR®

Butyl tape



#### Miofoam®

Edge insulation strip S



#### Miofoam®

Edge insulation strips FK



| Description                           | Width | Length | Article no. | EAN code      | Quantity      |
|---------------------------------------|-------|--------|-------------|---------------|---------------|
| 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  |
| Miofoam® Edge insulation strip S      | 5mm   | 50 m   | 8710501050  | 8714672004700 | 12 roll / bag |
|                                       | 15 mm | 50 m   | 8710501550  | 8714672004717 | 8 roll / bag  |
|                                       | 40 mm | 50 m   | 8710504050  | 8714672004724 | 3 roll / bag  |
| Miofoam® Edge insulation strip S 8mm  | 10 mm | 50 m   | 8710801050  | 8719128000770 | 12 roll / bag |
|                                       | 15 mm | 50 m   | 8710801550  | 8719128000787 | 8 roll / bag  |
| Miofoam® Edge insulation strip FK 8mm | 10 mm | 50 m   | 8720801050  | 8714672004694 | 12 roll / bag |



### 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.*

