

MG MIOFOL®

ACTIVE

Miofol® Active is an airtight intelligent vapour control layer consisting of HDPE Tyvek® with a polymer coating. Miofol® Active has a double function; in winter the membrane has high vapour resistance (vapour controlling) and in summer it has low vapour resistance (breathable). In this case, any moisture can leave the construction inwards. This makes Miofol® Active ideal for use in constructions where the cold side can hardly breathe. So you always have optimum moisture regulation within the construction. For this reason, Miofol® Active is also the most ideal membrane for biobased insulation materials.

Application

Miofol® Active is used as a self-regulating vapour control layer on the inside (warm side) of wall and roof constructions. Especially in situations where a vapour control or vapour barrier membrane is placed on the outside of the construction, such as on flat roofs, this type of membrane works optimally. The membrane is not suitable for climate class 4 areas, such as bathrooms, saunas, etc.

Benefits

- ✓ Intelligent self-regulating vapour control layer
- ✓ Variable SD value
- ✓ Ideal solution for closed constructions
- ✓ Most suitable membrane for bio-based insulation material
- ✓ Fast removal of moisture present in the construction
- ✓ High tear and tensile resistance
- ✓ Reduced energy costs
- ✓ Contributes to a healthy living environment

| Description | Width | Length | Article no. | EAN code | Quantity | Weight |
|----------------|--------|--------|-------------|---------------|-----------------|--------|
| Miofol® Active | 1,50 m | 30 m | 8608415030 | 8714672003307 | 48 rol / pallet | 4 kg |



Roof



Flat roof



Wall



Vapour controlling in winter



Breathable in summer



Waterproof



Maximum 4 months UV-resistant

| | |
|---|--|
| Open construction phase 4 months | Temperature resistance -40 °C / 80 °C |
| Weight 92 gr / m² | Water vapour transmission range 0,2 - 35 Sd (m) |
| Nail tear resistance initial (length) 75 N | Water tightness W1 |
| Nail tear resistance initial (cross) 65 N | Fire class E |
| Tensile strength initially (length) 380 N / 50 mm | Tensile strength initially (cross) 380 N / 50 mm |



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Installation

Apply Miofol® Active to the warm side of the roof and facade construction. Attach Miofol® Active to the underlying structure directly against the mineral wool using staples. For proper moisture control, place a cavity between the membrane and the wall finish. At horizontal and vertical overlaps, maintain 100 mm overlap. For optimal vapour control, we recommend taping staples, seams and overlaps with VASTR® Non-woven tape. Seal penetrations and connections wind and watertight with VASTR® Butyl tape or <Tyvek® FlexWrap tape.



Related products

Tyvek®

FlexWrap tape



MG VASTR®

Non-woven Tape



MG VASTR®

Butyl tape



MG VASTR®

Total tape



Description

Tyvek® FlexWrap tape
 VASTR® Non-woven Tape
 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
 8107502501
 8103002000
 8106002502
 8110002501
 8106002501

EAN code

5450208029771
 8714672005202
 8714672005233
 8714672000474
 8714672000481
 8714672999884

Quantity

3 roll / box
 8 roll / box
 8 roll / box
 10 roll / box
 6 roll / box
 10 roll / box



INSTALLATION VIDEO

Not quite sure yet how best to apply Miofol® Active? Scan the QR code and watch our installation videos.



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..



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