

MG MIOFOL®

170AG

Miofol® 170AG is a micro perforated waterproof breathable aluminium membrane. The back of the membrane is reinforced with a polypropylene fabric over which an LDPE coating is applied. The aluminium side is coated with a UV-stabilized LDPE making the aluminium resistant to alkaline influences. The aluminium surface reflects heat radiation which contributes to higher thermal resistance. The unique microperforation and density of the perforation provide the highest achievable water-repellent of its kind while maintaining high levels of breathability.

Application

Miofol® 170AG is used in facades as a breathable layer on the outside (cold side). The Miofol® 170AG can be used behind masonry facades as well as behind closed facade cladding. The combination of the aluminium layer with the cavity in the facade increases the insulation value. The waterproofing membrane protects the structure and ensures optimal insulation and moisture management.

Benefits

- ✓ One-sided reflective
- ✓ KOMO certified
- ✓ Extremely high tensile and tear resistance
- ✓ Resistant to alkaline substances
- ✓ Limits space heating in the summer period
- ✓ Improving insulation value
- ✓ Dual function waterproofing vapour permeable and insulating
- ✓ Unique microperforation
- ✓ Windproof

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Miofol® 170AG	1,50 m	50 m	6617015050	8714672003444	22 roll / pallet	13 kg
	2,60 m	50 m	6617026000	8714672000542	22 roll / pallet	23 kg
	3,00 m	50 m	6617030050	8714672000009	22 roll / pallet	26 kg



Facade



Water-repellent



Breathable



Resistant up to 80°C



Maximum 3 months UV-resistant



One-sided reflection



Fire class F

Specifications

Open construction phase 3 months	Temperature resistance -40 °C / 80 °C				
Weight 170 gr / m²	Water vapour resistance Sd 0,32 m				
Tear resistance initial (length) 405 N	Water tightness W2				
Tear resistance initial (cross) 375 N	Fire class F				
Tensile strength initial (length) 410 N / 50 mm	Elongation at break (length) 15 %			R-Value (at 1 x 20 mm cavity) 0,57 m² K / W	
Tensile strength initial (cross) 375 N / 50 mm	Elongation at break (cross) 14 %			Water vapour transmission 75 g / m² / day	Emissivity 0,063



MEUWISSEN GERRITSEN

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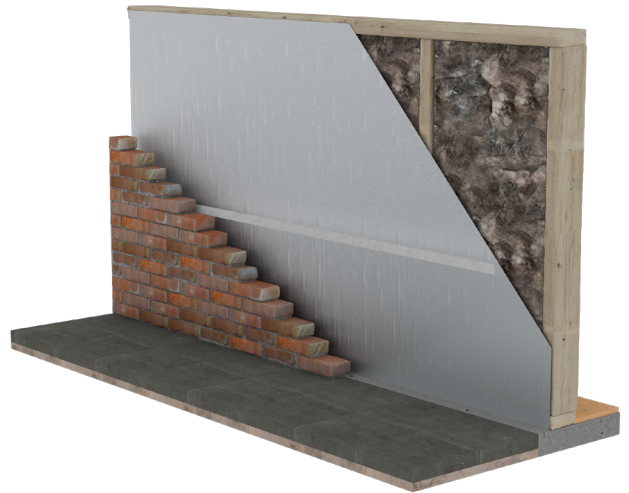
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Installation

Miofol® 170AG is micro-perforated and should therefore be processed free of hard substrates. In facades with a soft substrate, for example mineral wool, the membrane may be applied directly to the soft substrate. The reflective side of the membrane should be applied toward the cavity. Maintain a cavity of 20 mm to 40 mm for optimal thermal resistance. Apply Miofol® 170AG in a shingle fashion. For overlaps, maintain a minimum of 150 mm and a maximum of 200 mm overlap. Apply Miofol® 170AG to the structure using staples. Tape off staples and overlaps with VASTR® Aluminium tape basic. Seal penetrations and connections wind and watertight with VASTR® Butyl tape and/or Tyvek® FlexWrap tape. For optimal water resistance and durability, VASTR® Butyl tape should be applied under the batten.



Related products

Tyvek®

FlexWrap tape



MG VASTR®

Aluminium tape



MG VASTR®

Butyl tape



MG VASTR®

Total tape



Description

Tyvek® FlexWrap tape
 VASTR® Aluminium 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
 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



INSTALLATION VIDEO

Not quite sure yet how best to apply Miofol® 170AG? 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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