

MG MIOFOL®

210AG

Miofol® 210AG is a micro perforated insulating reinforced technical building membrane. The waterproof breathable facade membrane is reinforced with a polypropylene fabric sandwiched between 2 aluminium layers. One aluminium side is coated with a UV-stabilized LDPE making it resistant to alkaline influences. The aluminium surfaces insulate to both sides by reflection of radiation. 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® 210AG is used in facades as a breathable layer on the outside (cold side). The Miofol® 210AG can be used behind masonry facades as well as behind closed facade cladding. The combination of the aluminium layers with the cavity in the facade increases the insulation value. The waterproofing membrane protects the structure and provides optimal insulation and moisture management.

Benefits

- ✓ Two-sided reflection
- ✓ KOMO certified
- ✓ Extremely high tensile and tear resistance
- ✓ Resistant to alkaline substances
- ✓ Unique microperforation
- ✓ Limits space heating in the summer period
- ✓ Improving insulation value
- ✓ Windproof

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Miofol® 210AG	2,60 m	50 m	6621226000	8714672000856	22 rol / pallet	28 kg



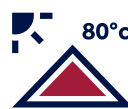
Facade



Water-repellent



Breathable



Resistant up to 80°C



Maximum 3 months UV-resistant



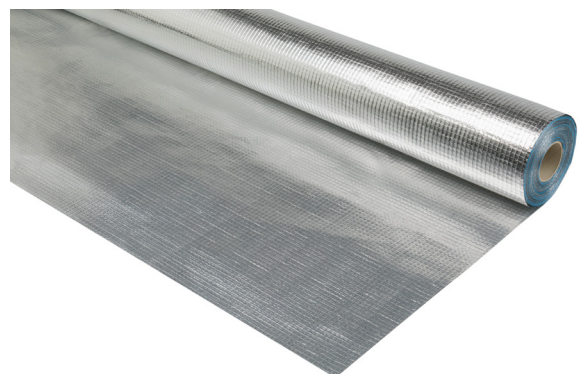
Fire class F



Two-sided reflection

Specifications

Open construction phase 3 months	Temperatuur bestendigheid -40 °C / 80 °C
Weight 210 gr / m²	Water vapour resistance Sd 0,28 m
Tear resistance initially (length) 395 N	Water tightness W2
Tear resistance initially (cross) 440 N	Fire class F F
Tensile strength initially (length) 430 N / 50 mm	Elongation (length) 12 %
Tensile strength initially (cross) 430 N / 50 mm	Elongation (cross) 15 %
R-Value (at 2 x 20 mm cavity) 1,14 m² K / W	Emissivity inside 0,05
Water vapour transmission 86 g / m² / day	Emissivity outside 0,09



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Installation

Miofol® 210AG 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 coated aluminium side of the membrane should be applied toward the outer cavity. Maintain a cavity of 20 mm to 40 mm on both sides for optimum thermal resistance. Apply Miofol® 210AG in a shingle fashion. For overlaps, maintain a minimum of 150 mm and a maximum of 200 mm overlap. Apply Miofol® 210AG 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

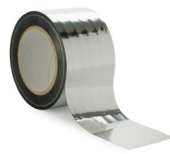
Tyvek®

FlexWrap tape



MG VASTR®

Aluminium tape basic



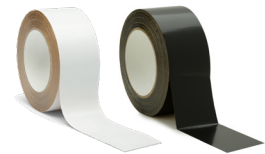
MG VASTR®

Butyl tape



MG VASTR®

Total tape



Description

Tyvek® FlexWrap tape

VASTR® Aluminium tape basic

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



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.



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