

MG POLYTEX[®] ECO

Polytex[®] Eco is a lightweight waterproof and breathable non-woven membrane. The Polytex Eco is lighter than the Original and Pro variants, making it an economical alternative and easy to handle. The Polytex[®] Eco protects the structure from wind and rain while potentially allowing vapour to escape through the membrane.

Application

The three-layer Polytex[®] Eco is completely waterproof and breathable. This makes the membrane suitable as a waterproof breathable layer on the cold side of structures in roof and facade. The Polytex[®] Eco has limited UV resistance and should be completely covered by the roofing or cladding in four weeks. Polytex[®] Eco is thinner and lighter than the Polytex[®] Original and therefore not suitable for roof pitches below 20 degrees, flat roof tiles, solar panels and metal roof and wall cladding. Want to apply the membrane directly to the hard surface of a sloping roof? Then we recommend using the Polytex[®] Original or Polytex[®] Pro.

Benefits

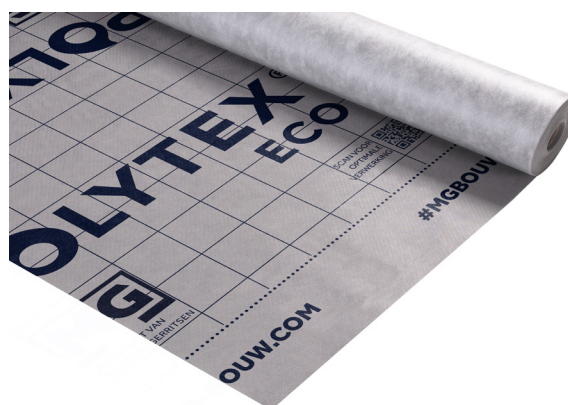
- ✓ Waterproof & rainproof
- ✓ Breathable
- ✓ Windproof
- ✓ Can be processed directly on sheet material
- ✓ 100% recyclable
- ✓ For roof and facade

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Polytex [®] Eco	1,50 m 3,00 m	50 m 50 m	8211215000 8211230000	8714672002232 8714672002249	42 roll / pallet 36 roll / pallet	8 kg 17 kg



Specifications

Open construction phase 4 weeks	Temperature resistance - 40 °C / 80 °C
Weight 112 gr / m²	Water vapour resistance Sd 0,03 m
Nail tear resistance initial (length) 140 N	Water tightness W1
Nail tear resistance initial (cross) 160 N	Fire class E
Tensile strength (length) 280 N / 50 mm	Elongation at break (length) 40 - 100 %
Tensile strength (cross) 180 N / 50 mm	Elongation at break (cross) 60 - 140 %



Installation

Apply the Polytex[®] Eco roof tilewise where horizontal overlaps should be at least 150 mm. Staple and overlap seams with VASTR[®] non-woven tape. Polytex[®] Eco is applied to the construction using stainless steel staples after which the battens are placed over the staples. VASTR[®] Nail Sealing Tape should be applied under the (dust) batten to ensure water tightness of screw hole connection. Always apply the Polytex[®] Eco legibly from the outside. When used in conjunction with facade cladding, a batten should be installed over the staples. At the location of a corner, the membrane should be converted to the first following roof batten, where it will be fastened with staples and possibly another batten. VASTR[®] butyl tape should be applied under the batten for optimal water-repellent and durability.



Related products

Tyvek[®]

FlexWrap tape



Description

Tyvek[®] FlexWrap tape
 VASTR[®] Non-woven tape
 VASTR[®] Butyl tape
 Tyvek[®] Nail Sealing tape

MG VASTR[®]

Non-woven tape



Width

60 mm
 75 mm
 30 mm
 60 mm

Length

10 m
 25 m
 20 m
 20 m

MG VASTR[®]

Butyl tape



Article no.

8106001000
 8107502504
 8103002000
 8106002010

EAN code

5450208029771
 8714672005202
 8714672005233
 8714672005332

MG VASTR[®]

Nail Sealing tape



Quantity

3 roll / box
 8 roll / box
 8 roll / box
 5 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.