

TEXBREATHER 150

TEXBREATHER 150 is a versatile synthetic roof underlayer 150 gr., HPV type (High Permeability to water Vapour) with a high resistance to tearing. It can be laid, either in the traditional way, either on continuous substrate. It is used as roof tile underlay in ventilated or non-ventilated slated pitched roof.

ADVANTAGES

High permeability to water vapor(HPV)

- Versatile
- High resistance to tearing
- Can be used as rain- barrier
- Maximum spacing between rafters: 60 cm
- Ranking W1
- Installation of battens or direct contact with the insulation allowed.

permeability to water vapor underlay for pitched roofs suitable for use as a rainscreen high mechanical strength roofing materials

TexBreather 150

Versatile and resistant synthetic very highly breathable screen (vapour permeable) used as roof tile underlay in ventilated or non ventilated slated pitched roof.

ROLL: 50 m X 1 m (50 m²) WEIGHT: 7.5 kg (150 g / m²) ROLLS PER PALLET: 20

TexBreather 150 is a polyolefin synthetic underlay (EST) of the HPV type (High Water Vapor Permeability) intended to:

- Collect and carry out accidental water infiltration into the sewer
- Protect against the penetration of powder snow, dust, sand and pollen, but also animals
- Allow access to the lower minimum slopes
- Contribute to the improvement of the thermal performance of insulators (reduction of air permeability through direct installation on the insulation of HPV screens) while actively participating in the ventilation of the roof
- Limit the uplift of discontinuous roof elements due to wind (reduction of the pressure / depression phenomena undergone by the roof)
- Also contribute to a provisional out-of-water that should not exceed 8 days.

ADVANTAGES:

- High permeability to water vapor
- High mechanical strength
- Suitable for use as a rainscreen

IMPLEMENTATION:

TexBreather 150 is installed parallel to the eave with a minimum covering of 10 cm (20 cm if the slope > 30%), while free under the contact of the supporting element, grey hair upwards. TexBreather 150 Cutting is easy with the cutter.

- Fastened insulation, distributed in ridges or battens TexBreather 150 installed by heads with large heads, or stapled on ridges.
- Direct installation on insulation TexBreather 150 in High Permeability to Water Vapor (HPV) allows direct installation on insulation.
- Laying on the eave support (the being to ensure by type with wide head): 10 cm through the two thicknesses of the sheet on the eaves.

PACKAGING:

- Size 50 m x 1 m (50 m²)
- Weight 7.5 kg (150 g / m²)
- Rolls per pallet: 20

APPLICATION

- The TEXBREATHER 150 will prevent the ingress of wind- blown rain, dust or snow and is also used as rain barrier (underlay for walls).
- Collect and carry out accidental water infiltration into the sewer,
- Protect against the penetration of powder snow, dust, sand and pollen, but also animals,
- Allow access to the lower minimum slopes, to contribute to the improvement of the thermal performance of insulators (reduction of air permeability through direct installation on the insulation of HPV screens) while actively participating in the ventilation of the roof.
- Limiting the uplift of discontinuous roof elements due to wind (reduction of pressure / depression phenomena undergone by the roof),
- Also contribute to a provisional out-of-water that should not exceed 8 days.

REGULATIONS

TEXBREATHER 150 complies with EN 13859-1 and EN 13859-2.

Bituminous Waterproofing Auxiliary

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INSTALLATION

.On rafters with corrosion - resistant staples or galvanized clout nails as appropriate. Either secured to the support with counter battens at least 12 mm thick to create a drainage and vapour dispersal space between the product and the tiles. May be used over sarking boards of softwood and either with continuous insulation or insulation placed between the rafters. .Maximum rafter spacing: 60 cm. .Minimum overlaps : 10 cm or 20 cm TexBreather 150 is unrolled parallel to the sewer with a minimum covering of 10 cm (20 cm if the slope \leq 30%), white face under the contact of the supporting element, gray face upwards. TexBreather 150 cutting is easy with the cutter.

1. Traditional installation, stretched on rafters or trusses: TexBreather 150 is nailed by heads with large heads or stapled on rafters.

2. Direct installation on insulation: TexBreather 150 is High Permeability to Water Vapor (HPV) allows direct installation on insulation.

3. Laying on the continuous support: the fixing is ensured by tips with wide head (\geq 10 mm) through the two thicknesses of the sheet on the covers.



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TECHNICAL PROPERTIES

| Technical data | unit | setpoint | tolerance - | tolerance + | test |
|--|-------------------|--------------------|-------------|-------------|---------------------|
| Total weight | g/m ² | 146 | 141.9 | 160.5 | EN1849-2 |
| Tensile strength (MD) | N/50mm | 315 | 250 | 400 | EN12311-1 |
| Tensile strength (CD) | N/50mm | 220 | 200 | 300 | EN12311-1 |
| Elongation Fmax (MD) | % | 60 | 40 | 110 | EN12311-1 |
| Elongation Fmax (CD) | % | 70 | 50 | 110 | EN12311-1 |
| Nail tear strength (MD) | N | 180 | 150 | 280 | EN12310-1 |
| Nail tear strength (CD) | N | 220 | 150 | 300 | EN12310-1 |
| Sd-Value | m | 0.05 | | | EN12572 Klima C |
| Watertightness | class | W1 | | | EN 1928 |
| Resistance to driving rain | | passed | | | ZVDH |
| Dimensional stability (MD) | % | -0.6 | | | EN1107-1 |
| Dimensional stability (CD) | % | 0.5 | | | EN1107-1 |
| Temperature resistance | | - 40 °C to + 80 °C | | | |
| Cold bending properties | °C | -40 | | | EN1109 |
| Resistance to air penetration | WGL | | | | EN12114 |
| Fire performance | class | E | | | EN13501-1 |
| Temporary roofing ¹ | weeks | 4 | | | |
| UV - stability | MJ/m ² | 55 | | | EN 13859-1 Anhang C |
| Watertightness after ageing | | W1 | | | EN1928 |
| Tensile strength (MD) after ageing | N/50mm | 295 | | | EN12310-1 |
| Tensile strength (CD) after ageing | N/50mm | 225 | | | EN12310-1 |
| Elongation(Fmax) (MD) after ageing | % | 45 | | | EN12311-1 |
| Elongation (Fmax) (CD) after ageing | % | 47 | | | EN12311-1 |
| Request to artificial ageing | | passed | | | EN13859 |
| Higher request to artificial ageing (80° | | passed | | | ZVDH |

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