

SOLITEX FRONTA® WA

Breather membrane (WRB)



Technical data

| | | Material |
|--------------------------------|--|--------------------------|
| Protective and covering fleece | | Polypropylene microfibre |
| Functional film | | Monolithic TEEE |

| Property | Regulation | Value |
|---|---------------------------|--|
| Colour | | Black |
| Surface weight | BS EN 1849-2 | 100 g/m ² |
| Thickness | BS EN 1849-2 | 0.45 mm |
| Water vapour resistance factor μ | BS EN ISO 12572 | 110 |
| sd value | BS EN ISO 12572 | 0.05 m |
| g value | | 0.25 MN-s/g |
| Fire class | BS EN 13501-1 | E |
| Outdoor exposure | | 3 months |
| Watertight joints with 'connect' adhesive strips or TESCON tape | BS EN 13859-1 | W1 |
| Water column | BS EN ISO 811 | 10 000 mm |
| Watertightness, non-aged/aged* | BS EN 13859-2 | W1 / W1 |
| Tensile strength MD/CD | BS EN 13859-2 (A) | 210 N/5 cm / 140 N/5 cm |
| Tensile strength MD/CD, aged* | BS EN 13859-2 (A) | 190 N/5 cm / 120 N/5 cm |
| Elongation MD/CD | BS EN 13859-2 (A) | 85% / 85% |
| Elongation MD/CD, aged* | BS EN 13859-2 (A) | 70% / 70% |
| Nail tear resistance MD/CD | BS EN 13859-2 (B) | 110 N / 140 N |
| *) Durability after artificial ageing | BS EN 1297 / BS EN 1296 | Passed |
| Flexibility at low temperature | BS EN 1109 | -40 °C ; -40 °F |
| Temperature resistance | EN 1109, EN 1296, EN 1297 | Permanent -40 °C to 100 °C ; -40 °F to 212 °F |
| Thermal conductivity | | 0.04 W/(m·K) |
| CE labelling | BS EN 13859-2 | Yes |

Areas of application

For use as a breather membrane (weather-resistive barrier, WRB) behind closed facades. Installation over sheathing, wood-based panels and all mat or panel-shaped thermal insulation materials.

Supply form

| Art. no. | Length | Width | Contents | Weight | Sales unit | Container | GTIN |
|----------|--------|-------|--------------------|--------|------------|-----------|---------------|
| 10132 | 50 m | 1.5 m | 75 m ² | 7.5 kg | 1 | 20 | 4026639010612 |
| 10133 | 50 m | 3 m | 150 m ² | 15 kg | 1 | 20 | 4026639010605 |

Advantages

- ✓ Very robust: strong, 3-ply structure
- ✓ Dry building structures: pore-free TEEE functional film actively transports moisture to the outside
- ✓ Easy to work with: high nail pull-out resistance
- ✓ For use behind closed facades
- ✓ 3 months of outdoor exposure

General conditions

SOLITEX FRONTA WA membranes are to be installed horizontally in a taut manner with no sagging.

The membrane must not be secured in areas where water collectively drains off.

The membrane can be used behind closed facades with at least 20 mm of rear ventilation.

Additional measures (e.g. covering with tarpaulins) should be taken during the construction phase in the case of buildings that are lived in or buildings that are to be given particular protection. Covering with tarpaulins should also be considered if construction work is to be interrupted for a longer period.



The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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