# 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/m² |
| 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 | BS EN ISO 12572 | 0.25 MN·s/g |
| Reaction to fire classification | 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 |
| Foldability at low temperature | BS EN 495-5 | -50 °C |
| Temperature resistance, permanent | EN 495-5, EN 1296, EN 1297 | -50 °C to 100 °C |
| Thermal conductivity | | 0.04 W/(m·K) |
| Resistance to alkalis | BS EN 1847 | Passed |
| 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 forms

| Art. no. | Length | Width | Contents | Weight | Sales unit | Container | GTIN |
|---|---|---|---|---|---|---|---|
| 10132 | 50 m | 1.5 m | 75 m² | 7.5 kg | 1 | 20 | 4026639010612 |
| 10133 | 50 m | 3 m | 150 m² | 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.

EPD verified

NBS

NSAI Agrément
Solitex Fronta WA Breathable Wall Protection Membrane
CERT No. 04/0210

CE
07
EN 13859-2

UK CA

Made in Germany developed and produced by pro clima

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Ireland and the UK:
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