

# 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   | EN 1849-2                 | 100 g/m <sup>2</sup> ; 0.33 oz/ft <sup>2</sup>    |
| Thickness  | EN 1849-2                 | 0.45 mm ; 18 mils                                 |
| Water vapour resistance factor $\mu$                                 | EN ISO 12572              | 110   |
| sd value   | EN ISO 12572              | 0.05 m  |
| g value  |                           | 0.25 MN-s/g                                       |
| Vapour permeance   | ASTM E 96                 | 65.6 perms  |
| Fire class   | EN 13501-1                | E   |
| Outdoor exposure   |                           | 3 months  |
| Watertight joints with 'connect' adhesive strips or TESCON VANA tape | EN 13859-1                | W1  |
| Water column   | EN ISO 811                | 10 000 mm ; 32' 10"                               |
| Watertightness, non-aged/aged*                                       | EN 13859-2                | W1 / W1   |
| Tensile strength MD/CD   | EN 13859-2 (A)            | 210 N/5 cm / 140 N/5 cm ; 24 lb/in / 16 lb/in     |
| Tensile strength MD/CD, aged*  | EN 13859-2 (A)            | 190 N/5 cm / 120 N/5 cm ; 22 lb/in / 14 lb/in     |
| Elongation MD/CD   | EN 13859-2 (A)            | 85% / 85%   |
| Elongation MD/CD, aged*  | EN 13859-2 (A)            | 70% / 70%   |
| Nail tear resistance MD/CD   | EN 13859-2 (B)            | 110 N / 140 N ; 25 lbf / 31 lbf                   |
| *) Durability after artificial ageing                                | EN 1297 / EN 1296         | Passed  |
| Flexibility at low temperature                                       | 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) ; 0.3 BTU-in/(h·ft <sup>2</sup> ·°F) |
| CE labelling   | 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. | GTIN          | Length | Width | Contents           | Weight | Sales unit | Container |
|----------|---------------|--------|-------|--------------------|--------|------------|-----------|
| 10132    | 4026639010612 | 50 m   | 1.5 m | 75 m <sup>2</sup>  | 7.5 kg | 1          | 20        |
| 10133    | 4026639010605 | 50 m   | 3 m   | 150 m <sup>2</sup> | 15 kg  | 1          | 20        |

### Advantages

- ✓ Very robust: strong, 3-ply structure
- ✓ Dry building components: 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 (1") 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.



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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 installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](<https://proclima.com/service/technical-support>).

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