

# SOLITEX FRONTA® QUATTRO FB

Flame-resistant breather membrane (WRB) for open-jointed cladding, gap width up to 35 mm (1 3/8"), with self-adhesive strips



## Technical data

|                                | Material                       |
|--------------------------------|--------------------------------|
| Protective and covering fleece | Polypropylene microfibre       |
| Functional film                | Monolithic                     |
| Self-adhesive strips           | Water-resistant SOLID adhesive |

| Property   | Regulation                | Value   |
|--|---------------------------|---|
| Colour   |                           | Black   |
| Surface weight   | EN 1849-2                 | 145 g/m <sup>2</sup> ; 0.48 oz/ft <sup>2</sup>    |
| Thickness  | EN 1849-2                 | 0.5 mm ; 20 mils                                  |
| Water vapour resistance factor $\mu$                                 | EN ISO 12572              | 160   |
| sd value   | EN ISO 12572              | 0,08 m  |
| g value  |                           | 0.4 MN-s/g  |
| Vapour permeance   | ASTM E 96                 | 41 perms  |
| Fire class   | EN 13501-1                | B-s1, d0  |
| Outdoor exposure   |                           | 6 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)            | 260 N/5 cm / 225 N/5 cm ; 30 lb/in / 26 lb/in     |
| Tensile strength MD/CD, aged*  | EN 13859-2 (A)            | 260 N/5 cm / 220 N/5 cm ; 30 lb/in / 25 lb/in     |
| Elongation MD/CD   | EN 13859-2 (A)            | 60 % / 80 %                                       |
| Elongation MD/CD, aged*  | EN 13859-2 (A)            | 30% / 40%   |
| Nail tear resistance MD/CD   | EN 13859-2 (B)            | 190 N / 220 N ; 43 lbf / 49 lbf                   |
| *) Durability after artificial ageing                                | EN 1297 / EN 1296         | Passed (for walls with open joints)               |
| Flexibility at low temperature                                       | EN 1109                   | -40 °C ; -40 °F                                   |
| Temperature resistance   | EN 1109, EN 1296, EN 1297 | Permanent -40 °C to 80 °C ; -40 °F to 176 °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 and open facades (open-jointed cladding up to a gap width of 35 mm (1 3/8"); cladding width = at least 3 x gap width). Installation onto boarding, wood-based panels and all mat or panel-shaped thermal insulation materials.

## Supply form

| Art. no. | GTIN          | Length | Width | Contents          | Weight | Sales unit | Container |
|----------|---------------|--------|-------|-------------------|--------|------------|-----------|
| 1AR02725 | 4026639227256 | 50 m   | 1.5 m | 75 m <sup>2</sup> | 12 kg  | 1          | 20        |

## Advantages

- ✓ Improved safety: 'not easily flammable', fire classification B-s1, d0 as per EN 13501-1
- ✓ Well-protected building structures: highly permeable and, at the same time, maximum protection against driving rain
- ✓ Not visible behind open-jointed cladding: black fleece with printed marking only in the overlap area
- ✓ Highest possible durability and thermostability thanks to the monolithic functional film
- ✓ 6 months of outdoor exposure
- ✓ Quick and reliable sealing thanks to the integrated 'connect' self-adhesive strips on the long strips of the membrane

## General conditions

SOLITEX FRONTA QUATTRO FB membranes should be installed with the black side facing outwards. The membranes are to be installed horizontally in a taut manner with no sagging.

When the product is used behind open-jointed cladding, the gap may be a maximum of 35 mm (1 3/8"). The width of cladding pieces must be at least three times the gap width. The distance between the open-jointed cladding and the membrane must be at least 20 mm (3/4").

Fasteners may not be applied in areas where water run-off is collected.

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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