

# SOLITEX FRONTA® QUATTRO FB

Flame-resistant breather membrane (WRB) for open-jointed cladding, gap width up to 35 mm, 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   | BS EN 1849-2              | 145 g/m <sup>2</sup>                         |
| Thickness  | BS EN 1849-2              | 0.50 mm                                      |
| Water vapour resistance factor $\mu$                                 | BS EN ISO 12572           | 160  |
| sd value   | BS EN ISO 12572           | 0,08 m                                       |
| g value  |                           | 0.4 MN-s/g                                   |
| Fire class   | BS EN 13501-1             | B-s1, d0                                     |
| Outdoor exposure   |                           | 6 months                                     |
| Watertight joints with 'connect' adhesive strips or TESCON VANA 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)         | 260 N/5 cm / 225 N/5 cm                      |
| Tensile strength MD/CD, aged*  | BS EN 13859-2 (A)         | 260 N/5 cm / 220 N/5 cm                      |
| Elongation MD/CD   | BS EN 13859-2 (A)         | 60 % / 80 %                                  |
| Elongation MD/CD, aged*  | BS EN 13859-2 (A)         | 30% / 40%                                    |
| Nail tear resistance MD/CD   | BS EN 13859-2 (B)         | 190 N / 220 N                                |
| *) Durability after artificial ageing                                | BS EN 1297 / BS EN 1296   | Passed (for walls with open joints)          |
| Flexibility at low temperature                                       | BS 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)                                 |
| CE labelling   | BS 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; 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. | Length | Width | Contents          | Weight | Sales unit | Container | GTIN          |
|----------|--------|-------|-------------------|--------|------------|-----------|---------------|
| 1AR02725 | 50 m   | 1.5 m | 75 m <sup>2</sup> | 12 kg  | 1          | 20        | 4026639227256 |

## 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. 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.

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.



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:

Phone: +353 46 9432104

Fax: +353 46 9432435

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)

#### For Stockists contact

##### Ireland

Phone: +353 (0)46 9432104

Fax: +353 (0)46 9432435

##### UK

Phone: +44 (0)1228 711 511

Fax: +44 (0)1228 712 280

#### Ecological Building Systems

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)

[www.ecologicalbuildingsystems.com](http://www.ecologicalbuildingsystems.com)

#### MOLL bauökologische Produkte GmbH

Rheintalstraße 35 - 43

68723 Schwetzingen

Germany

[www.proclima.com](http://www.proclima.com)

---

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.**



**Call us**

**Great Britain** +44 (0)1228 711511

**Ireland** +353 46 9432104



**Email us**

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)



**Find us**

**Great Britain** Ecological Building Systems UK Ltd.,  
Cardewlees, Carlisle, Cumbria, CA5 6LF,  
United Kingdom

**Ireland** Ecological Building Systems Ltd.,  
Main Street, Athboy. Co. Meath, C15 Y678,  
Republic of Ireland