# SOLITEX FRONTA® QUATTRO connect

**Breather membrane (WRB) for open-jointed cladding, gap width up to 35 mm (1⅜″), with self-adhesive strips**



## Technical data

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

| Property | Regulation | Value |
|---|---|---|
| Colour | | Black |
| Surface weight | EN 1849-2 | 180 g/m² ; 0.59 oz/ft² |
| Thickness | EN 1849-2 | 0.60 mm ; 24 mils |
| Water vapour resistance factor μ | EN ISO 12572 | 80 |
| sd value | EN ISO 12572 | 0.05 m |
| g value | EN ISO 12572 | 0.25 MN·s/g |
| Vapour permeance | ASTM E 96 | 65.6 perms |
| Reaction to fire classification | EN 13501-1 | E |
| Outdoor exposure | | 6 months |
| Watertight joints with 'connect' adhesive strips or TESCON 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) | 290 N/5 cm / 220 N/5 cm ; 33 lb/in / 25 lb/in |
| Tensile strength MD/CD, aged* | EN 13859-2 (A) | 200 N/5 cm / 135 N/5 cm ; 23 lb/in / 15 lb/in |
| Elongation MD/CD | EN 13859-2 (A) | 50% / 70% |
| Elongation MD/CD, aged* | EN 13859-2 (A) | 30% / 40% |
| Nail tear-resistance MD/CD | EN 13859-2 (B) | 220 N / 300 N ; 49 lbf / 67 lbf |
| *) Durability after artificial ageing | EN 1297 / EN 1296 | Passed (for walls with open joints) |
| Foldability at low temperature | EN 495-5 | -50 °C ; -58 °F |
| Adhesion of 'connect' strips | | Above +0 °C ; 32 °F |
| Temperature resistance, permanent | EN 495-5, EN 1296, EN 1297 | -50 °C to 100 °C ; -58 °F to 212 °F |
| Thermal conductivity | | 0.04 W/(m·K) ; 0.3 BTU·in/(h·ft²·°F) |
| Resistance to alkalis | EN 1847 | Passed |
| 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 (1⅜″); the cladding width must be at least 3 times the gap width). Installation onto boarding, wood-based panels and all mat or panel-shaped thermal insulation materials.

## Supply forms

| Art. no. | Length | Width | Contents | Weight | Sales unit | Container | GTIN |
|---|---|---|---|---|---|---|---|
| 15042 | 50 m | 1.5 m | 75 m² | 14.5 kg | 1 | 20 | 4026639150424 |

## Advantages

- ✔ Well-protected building structures: highly permeable and, at the same time, maximum protection against driving rain
- ✔ Dry building structures: pore-free TEEE functional film actively transports moisture to the outside
- ✔ Not visible behind open-jointed cladding: black fleece with printed marking only in the overlap area
- ✔ Highest possible durability and thermostability thanks to the TEEE functional film
- ✔ 6 months of outdoor exposure
- ✔ Quick and reliable sealing thanks to the integrated 'connect' self-adhesive strips on the long edges of the membrane

## General conditions

SOLITEX FRONTA QUATTRO 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 (1⅜"). 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 (¾").

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.

EPD verified

CE 11 EN 13859-2

UK CA

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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 Germany at +49 6202 278245.

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