

# SOLITEX FRONTA QUATTRO connect

3-ply wall lining membrane with monolithic TEEE functional membrane, suitable for open jointed and closed façades, with 2 integrated self-adhesive sections



## Technical data

|                                      |                   | Substance                           |
|--------------------------------------|-------------------|-------------------------------------|
| Protective and covering fleece       |                   | Polypropylene microfibre            |
| Membrane                             |                   | monolithic TEEE                     |
| Attribute                            | Regulation        | Value                               |
| Colour                               |                   | black, Print: black                 |
| Surface weight                       | EN 1849-2         | 180 ±5 g/m <sup>2</sup>             |
| Thickness                            | EN 1849-2         | 0.60 ±0.10 mm                       |
| Water vapour resistance factor $\mu$ | EN ISO 12572      | 80                                  |
| sd-value                             | EN ISO 12572      | 0.05 ±0.02 m                        |
| g-value                              |                   | 0.25 ±0.1 MN-s/g                    |
| Water vapor permeance                | ASTM E 96         | 65.6 US perms                       |
| Fire behaviour                       | EN 13501-1        | E                                   |
| Exposure time                        |                   | 6 months                            |
| Water column                         | EN 20811          | 10 000 mm                           |
| Water resistance un-/aged*           | EN 1928           | W1 / W1                             |
| Tensile strength MD/CD               | EN 12311-1        | 290 ±20 N/5 cm / 220 ±20 N/5 cm     |
| Tensile strength MD/CD aged*         | EN 12311-1        | 200 ±20 N/5 cm / 135 ±20 N/5 cm     |
| Elongation MD/CD                     | EN 12311-1        | 50 ±20 % / 70 ±20 %                 |
| Elongation MD/CD aged*               | EN 12311-1        | 30 ±20 % / 40 ±20 %                 |
| Nail tear resistance MD/CD           | EN 12310-1        | 250 ±30 N / 240 ±30 N               |
| *) Artificial ageing by long term    | EN 1297 / EN 1296 | passed (for walls with open joints) |
| Flexibility at low temperature       | EN 1109           | -40 °C/-40 °F                       |
| Temperature resistance               |                   | -40 °C/-40 °F to +100 °C/212 °F     |
| Coefficient of thermal conductivity  |                   | 0.17 W/m·K                          |
| CE labelling                         | EN 13859-2        | available                           |

## Area of application

SOLITEX FRONTA QUATTRO connect permanently protects the insulation from wind and rain. For use with closed and open façades (open jointed façades, up to 35 mm gap width - boarding width = min. 3 x gap width) in accordance with installation guidelines.

## Advantages

- ✓ Highly diffusion-permeable, but with maximum resistance to driving rain
- ✓ Optimum drying conditions for wall structures: non-porous TEEE functional membrane actively transports moisture outwards
- ✓ Black fleece and black print prevent the membrane showing through open jointed façades
- ✓ Maximum ageing resistance and thermal stability thanks to the TEEE membrane
- ✓ 6 months of outdoor exposure
- ✓ Quick and reliable adhesion as a result of integrated connect self-adhesive zones along the length of the membrane

## General conditions

SOLITEX FRONTA QUATTRO membranes must be laid with the printed side facing outwards. They can be laid flat either at right angles to, or along the sub-structure without sagging. Horizontal installation is preferable with regard to water tightness during the construction phase.

When using behind open jointed façades the gaps must not be more than 35 mm. The width of the boarding: min. 3 x gap width. The distance between the façade and the membrane must be at least 20 mm.

The membrane must not be secured in areas where water collectively drains off.

Additional measures during the building phase (e.g. covering with tarpaulin) should be taken in the case of occupied buildings or buildings that need particular protection. Covering with tarpaulin should also be considered in the case of extended interruptions to work.

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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

**MOLL**  
**bauökologische Produkte GmbH**  
 Rheinalstraße 35 - 43  
 D-68723 Schwetzingen  
 Fon: +49 (0) 62 02 - 27 82.0  
 Fax: +49 (0) 62 02 - 27 82.21  
 eMail: info@proclima.de



**CE**  
11  
EN 13859-2

**Made in  
Germany** developed and  
produced by  


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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

**MOLL**  
**bauökologische Produkte GmbH**  
Rheintalstraße 35 - 43  
D-68723 Schwetzingen  
Fon: +49 (0) 62 02 - 27 82.0  
Fax: +49 (0) 62 02 - 27 82.21  
eMail: [info@proclima.de](mailto:info@proclima.de)

