

# SOLITEX FRONTA HUMIDA

3-ply slightly diffusion-resistant wall lining membrane behind ventilated facing walls



## Technical data

|                                   |                         | Substance                            |
|-----------------------------------|-------------------------|--------------------------------------|
| Protective and covering fleece    |                         | Polypropylene microfibre             |
| Membrane                          |                         | Monolithic polymer mixture           |
| Attribute                         | Regulation              | Value                                |
| Colour                            |                         | anthracite                           |
| Surface weight                    | BS EN 1849-2            | 115 ±5 g/m <sup>2</sup>              |
| Thickness                         | BS EN 1849-2            | 0.40 ±0.05 mm                        |
| Water vapour resistance factor μ  | BS EN 1931              | 1 250                                |
| sd-value                          | BS EN 1931              | 0.50 ±0.10 m                         |
| g-value                           |                         | 2.5 ±0.5 MNs/g                       |
| Reaction to fire                  | BS EN 13501-1           | E                                    |
| Exposure time                     |                         | 3 months                             |
| Water column                      | BS EN 20811             | 10 000 mm                            |
| Water resistance un-/aged*        | BS EN 1928              | W1 / W1                              |
| Tensile strength MD/CD            | BS EN 12311-1           | 245 ±15 N/5 cm / 170 ±15 N/5 cm      |
| Tensile strength MD/CD aged*      | BS EN 12311-1           | 240 ±15 N/5 cm / 155 ±15 N/5 cm      |
| Elongation MD/CD                  | BS EN 12311-1           | 85 ±15 % / 85 ±15 %                  |
| Elongation MD/CD aged*            | BS EN 12311-1           | 60 ±15 % / 60 ±15 %                  |
| Nail tear resistance MD/CD        | BS EN 12310-1           | 125 ±20 N / 150 ±20 N                |
| *) Artificial ageing by long term | BS EN 1297 / BS EN 1296 | passed                               |
| Flexibility at low temperature    | BS EN 1109              | -40 °C ; -40 °F                      |
| Temperature resistance            |                         | -40 °C to +100 °C ; -40 °F to 212 °F |
| Thermal conductivity              |                         | 0.17 W/(m·K)                         |
| CE labelling                      | BS EN 13859-2           | available                            |

## Area of application

Use as a slightly diffusion-inhibiting wall lining membrane on soft wood fibre boards behind ventilated facing walls.

## Forms of delivery

| Art. no. | GTIN          | Length | Width | Contents           | Weight | PU | Container |
|----------|---------------|--------|-------|--------------------|--------|----|-----------|
| 14006    | 4026639140067 | 50 m   | 1.5 m | 75 m <sup>2</sup>  | 9 kg   | 1  | 20        |
| 14069    | 4026639140692 | 50 m   | 3 m   | 150 m <sup>2</sup> | 18 kg  | 1  | 20        |



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

**For Stockists contact**  
**Ireland**  
 T. 046 9432104  
 F. 046 9432435  
**UK**  
 T. 01228 711 511  
 F. 01228 712 280

**Ecological Building Systems**  
 info@ecologicalbuildingsystems.com

www.ecologicalbuildingsystems.com

