

# SOLITEX FRONTA QUATTRO

3-ply wall lining membrane with monolithic TEEE functional membrane, suitable for open jointed and closed façades



## Technical data

		Substance
Protective and covering fleece		Polypropylene microfibre
Membrane		monolithic TEEE
Attribute	Regulation	Value
Colour		black, Print: black
Surface weight	BS EN 1849-2	180 ±5 g/m <sup>2</sup>
Thickness	BS EN 1849-2	0.60 ±0.10 mm
Water vapour resistance factor μ	BS EN ISO 12572	80
sd-value	BS EN ISO 12572	0.05 ±0.02 m
g-value		0.25 ±0.1 MN-s/g
Reaction to fire	BS EN 13501-1	E
Exposure time		6 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	290 ±20 N/5 cm / 220 ±20 N/5 cm
Tensile strength MD/CD aged*	BS EN 12311-1	200 ±20 N/5 cm / 135 ±20 N/5 cm
Elongation MD/CD	BS EN 12311-1	50 ±20 % / 70 ±20 %
Elongation MD/CD aged*	BS EN 12311-1	30 ±20 % / 40 ±20 %
Nail tear resistance MD/CD	BS EN 12310-1	250 ±30 N / 240 ±30 N
*) Artificial ageing by long term	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		-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

SOLITEX FRONTA QUATTRO 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.

## Forms of delivery

Art. no.	GTIN	Length	Width	Contents	Weight	PU	Container
12933	4026639129338	50 m	150 cm	75 m <sup>2</sup>	13.5 kg	1	20
13729	4026639137296	50 m	300 cm	150 m <sup>2</sup>	27 kg	1	20

## 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

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



## 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 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**  
T. 046 9432104  
F. 046 9432435  
**UK**  
T. 01228 711 511  
F. 01228 712 280

**Ecological Building Systems**  
[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)

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

