

# SOLITEX FRONTA® HUMIDA

Breather membrane (WRB) for use behind ventilated pre-wall shells



## Technical data

		Material
Protective and covering fleece		Polypropylene microfibre
Functional film		Monolithic polymer mixture

Property	Regulation	Value
Colour		Anthracite
Surface weight	BS EN 1849-2	115 g/m <sup>2</sup>
Thickness	BS EN 1849-2	0.40 mm
Water vapour resistance factor $\mu$	BS EN 1931	1 250
sd value	BS EN 1931	0.50 m
g value		2.5 MNs/g
Fire class	BS EN 13501-1	E
Outdoor exposure		3 months
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)	220 N/5 cm / 150 N/5 cm
Tensile strength MD/CD, aged*	BS EN 13859-2 (A)	240 N/5 cm / 155 N/5 cm
Elongation MD/CD	BS EN 13859-2 (A)	85% / 85%
Elongation MD/CD, aged*	BS EN 13859-2 (A)	60% / 60%
Nail tear resistance MD/CD	BS EN 13859-2 (B)	125 N / 150 N
*) Durability after artificial ageing	BS EN 1297 / BS EN 1296	Passed
Flexibility at low temperature	BS EN 1109	-40 °C ; -40 °F
Temperature resistance	EN 1109, EN 1296, EN 1297	Permanent -40 °C to 100 °C ; -40 °F to 212 °F
Thermal conductivity		0.04 W/(m·K)
CE labelling	BS EN 13859-2	Yes

## Areas of application

For use as a slightly diffusion-inhibiting breather membrane (weather-resistive barrier, WRB) on mineral-fibre and wood-fibre insulating panels behind a ventilated masonry/brick exterior wall.

## Supply forms

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	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

## Advantages

- ✓ In accordance with DIN 68800-2: for timber wall structures behind ventilated pre-wall shells
- ✓ Protects wall structures against moisture from the ventilation layer
- ✓ Protects the building component during the construction phase: very resistant to driving rain
- ✓ 3 months of outdoor exposure

## General conditions

SOLITEX FRONTA HUMIDA membranes must be installed with the printed side facing outwards. The membranes are to be installed horizontally in a taut manner with no sagging.

Fasteners should 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:

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**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.**



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