

SOLITEX FRONTA® HUMIDA

Breather membrane (WRB) 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 ²
Thickness	BS EN 1849-2	0.40 mm
Water vapour resistance factor μ	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		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 ventilated pre-wall shells.

Supply forms

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
14006	4026639140067	50 m	1.5 m	75 m ²	9 kg	1	20
14069	4026639140692	50 m	3 m	150 m ²	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:

Phone: +353 46 9432104

Fax: +353 46 9432435

info@ecologicalbuildingsystems.com

For Stockists contact

Ireland

Phone: +353 (0)46 9432104

Fax: +353 (0)46 9432435

UK

Phone: +44 (0)1228 711 511

Fax: +44 (0)1228 712 280

Ecological Building Systems

info@ecologicalbuildingsystems.com

www.ecologicalbuildingsystems.com

MOLL bauökologische Produkte GmbH

Rheintalstraße 35 - 43

68723 Schwetzingen

Germany

www.proclima.com

For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

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.



Call us

Great Britain +44 (0)1228 711511

Ireland +353 46 9432104



Email us

info@ecologicalbuildingsystems.com



Find us

Great Britain Ecological Building Systems UK Ltd.,
Cardewlees, Carlisle, Cumbria, CA5 6LF,
United Kingdom

Ireland Ecological Building Systems Ltd.,
Main Street, Athboy. Co. Meath, C15 Y678,
Republic of Ireland