

SOLITEX FRONTA® WA

Breather membrane (WRB)



Technical data

Material	
Protective and covering fleece	Polypropylene microfibre
Functional film	Monolithic TEEE

Property	Regulation	Value
Colour		Black
Surface weight	BS EN 1849-2	100 g/m ²
Thickness	BS EN 1849-2	0.45 mm
Water vapour resistance factor μ	BS EN ISO 12572	110
sd value	BS EN ISO 12572	0.05 m
g value	BS EN ISO 12572	0.25 MN-s/g
Reaction to fire classification	BS EN 13501-1	E
Outdoor exposure		3 months
Watertight joints with 'connect' adhesive strips or TESCON tape	BS EN 13859-1	W1
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)	210 N/5 cm / 140 N/5 cm
Tensile strength MD/CD, aged*	BS EN 13859-2 (A)	190 N/5 cm / 120 N/5 cm
Elongation MD/CD	BS EN 13859-2 (A)	85% / 85%
Elongation MD/CD, aged*	BS EN 13859-2 (A)	70% / 70%
Nail tear-resistance MD/CD	BS EN 13859-2 (B)	110 N / 140 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 breather membrane (weather-resistive barrier, WRB) behind closed facades. Installation over sheathing, wood-based panels and all mat or panel-shaped thermal insulation materials.

Supply form

Art. no.	Length	Width	Contents	Weight	Sales unit	Container	GTIN
10132	50 m	1.5 m	75 m ²	7.5 kg	1	20	4026639010612
10133	50 m	3 m	150 m ²	15 kg	1	20	4026639010605

Advantages

- ✓ Very robust: strong, 3-ply structure
- ✓ Dry building structures: pore-free TEEE functional film actively transports moisture to the outside
- ✓ Easy to work with: high nail pull-out resistance
- ✓ For use behind closed facades
- ✓ 3 months of outdoor exposure

General conditions

SOLITEX FRONTA WA membranes are to be installed horizontally in a taut manner with no sagging.

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

The membrane can be used behind closed facades with at least 20 mm of rear ventilation.

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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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.



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