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	EN 1849-2	100 g/m² ; 0.33 oz/ft²
Thickness	EN 1849-2	0.45 mm ; 18 mils
Water vapour resistance factor μ	EN ISO 12572	110
sd value	EN ISO 12572	0.05 m
g value		0.25 MN·s/g
Vapour permeance	ASTM E 96	65.6 perms
Fire class	EN 13501-1	E
Outdoor exposure		3 months
Watertight joints with 'connect' adhesive strips or TESCON VANA tape	EN 13859-1	W1
Water column	EN ISO 811	10 000 mm ; 32' 10"
Watertightness, non-aged/aged*	EN 13859-2	W1 / W1
Tensile strength MD/CD	EN 13859-2 (A)	210 N/5 cm / 140 N/5 cm ; 24 lb/in / 16 lb/in
Tensile strength MD/CD, aged*	EN 13859-2 (A)	190 N/5 cm / 120 N/5 cm ; 22 lb/in / 14 lb/in
Elongation MD/CD	EN 13859-2 (A)	85% / 85%
Elongation MD/CD, aged*	EN 13859-2 (A)	70% / 70%
Nail tear resistance MD/CD	EN 13859-2 (B)	110 N / 140 N ; 25 lbf / 31 lbf
*) Durability after artificial ageing	EN 1297 / EN 1296	Passed
Flexibility at low temperature	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) ; 0.3 BTU·in/(h·ft²·°F)
CE labelling	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 forms

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
10132	4026639010612	50 m	1.5 m	75 m²	7.5 kg	1	20
10133	4026639010605	50 m	3 m	150 m²	15 kg	1	20

Advantages

- ✔ Very robust: strong, 3-ply structure
- ✔ Dry building components: 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 (1") 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.

EPD verified

NSAI Agrément
Solitex Fronta WA Breathable Wall Protection Membrane
CERT No. 04/0210

CE
07
EN 13859-2

UK CA

Made in Germany developed and produced by pro clima

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 installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](https://proclima.com/service/technical-support).

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