SOLITEX FRONTA WA

Wall lining membrane

Technical data

	Substance
Protective and covering fleece	Polypropylene microfibre
Membrane	monolithic TEEE

Attribute	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 vapor 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 US perms
Fire rating	EN 13501-1	E
Outdoor exposure		3 months
Water column	EN ISO 811	10 000 mm ; 32' 10"
Water tightness 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		permanent -40 °C to 100 °C ; -40 °F to 212 °F
Thermal conductivity		2.3 W/(m·K) ; 16 BTU·in/(h·ft²·F)
CE labelling	EN 13859-2	available

Application

For making walls externally windproof. Installation on boarding, wood-based panels and all insulation mats and boards.

Advantages

- Very robust: strong, 3-ply structure
- Dry building components: pore-free TEEE functional membrane 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.

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.

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

Materialgarantie hinterlegt beim ZVDH

CE
07
EN 13859-2

Made in Germany developed and produced by pro clima

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