

SOLITEX FRONTA WA

Wall lining membrane



Technical data

		Substance
Protective and covering fleece		Polypropylene microfibre
Membrane		monolithic TEEE
Property	Regulation	Value
Colour		black
Surface weight	EN 1849-2	100 g/m ² ; 0.33 oz/ft ²
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	38 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
Watertight joints with 'connect' technology if TESCON VANA is used for sticking	EN 13859-1	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		0.04 W/(m·K) ; 0.3 BTU-in/ (h·ft ² ·F)
CE labelling	EN 13859-2	yes

Application

For use as a wall lining membrane behind closed facades. Installation on roof decking, wood-based panels and all mat or panel-shaped thermal insulation materials.

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

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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

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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.



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