SOLITEX FRONTA WA

Highly permeable 3-ply wall lining membrane with monolithic TEEE membrane, suitable for closed façades

Technical data

	Substance
Protective and covering fleece	Polypropylene microfibre
Membrane	monolithic TEEE

Attribute	Regulation	Value
Colour		black
Surface weight	EN 1849-2	100 ±5 g/m² ; 0.33 ±0.02 oz/ft²
Thickness	EN 1849-2	0.45 ±0.05 mm ; 18 ±2 mils
Water vapour resistance factor µ	EN ISO 12572	110
sd-value	EN ISO 12572	0.05 ±0.02 m
g-value		0.25 ±0.1 MN·s/g
Vapor permeance	ASTM E 96	65.6 US perms
Reaction to fire	EN 13501-1	E
Exposure time		3 months
Water column	EN 20811	10 000 mm ; 32' 10"
Water resistance un-/aged*	EN 1928	W1 / W1
Tensile strength MD/CD	EN 12311-1	210 ±20 N/5 cm / 140 ±20 N/5 cm ; 24 ±2 lb/in / 16 ±2 lb/in
Tensile strength MD/CD aged*	EN 12311-1	190 ±20 N/5 cm / 120 ±20 N/5 cm ; 22 ±2 lb/in / 14 ±2 lb/in
Elongation MD/CD	EN 12311-1	90 ±10 % / 90 ±10 %
Elongation MD/CD aged*	EN 12311-1	70 ±10 % / 70 ±10 %
Nail tear resistance MD/CD	EN 12310-1	110 ±20 N / 140 ±20 N ; 25 ±4 lbf / 31 ±4 lbf
*) Artificial ageing by long term	EN 1297 / EN 1296	passed
Flexibility at low temperature	EN 1109	-40 °C ; -40 °F
Temperature resistance		-40 °C to +100 °C ; -40 °F to 212 °F
Thermal conductivity		0.17 W/(m·K) ; 1.18 BTU·in/(h·ft²·F)
CE labelling	EN 13859-2	available

Area of application

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

Advantages

- Strong, 3-ply structure for protecting the wall structure
- Protective function as a result of non-porous functional membrane that actively manages moisture
- High nail tear resistance
- For use behind closed façades
- 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.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
D-68723 Schwetzingen
Fon: +49 (0) 62 02 - 27 82.0
Fax: +49 (0) 62 02 - 27 82.21
eMail: info@proclima.de

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General conditions

SOLITEX FRONTA WA membranes can be can be laid flat either at right angles to or along the sub-structure without sagging. Horizontal installation is preferable with regard to water tightness during the construction phase.

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 during the building phase (e.g. covering with tarpaulin) should be taken in the case of occupied buildings or buildings that need particular protection. Covering with tarpaulin should also be considered in the case of extended interruptions to work.

Bord Agrément na hÉireann
Irish Agrément Board

Materialgarantie hinterlegt beim ZVDH

CE 13
DIN EN 13859-2

Made in Germany developed and produced by pro clima

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