

SOLITEX FRONTA QUATTRO

Wall lining membrane for gap decking up to 35 mm



Technical data

		Substance
Protective and covering fleece		Polypropylene microfibre
Membrane		monolithic TEEE
Attribute	Regulation	Value
Colour		black
Surface weight	BS EN 1849-2	180 g/m ²
Thickness	BS EN 1849-2	0.60 mm
Water vapour resistance factor μ	BS EN ISO 12572	80
sd-value	BS EN ISO 12572	0.05 m
g-value		0.25 MN·s/g
Fire rating	BS EN 13501-1	E
Exposure time		6 months
Water column	BS EN ISO 811	10 000 mm
Water tightness non-aged/aged*	BS EN 13859-2	W1 / W1
Tensile strength MD/CD	BS EN 13859-2 (A)	290 N/5 cm / 220 N/5 cm
Tensile strength MD/CD aged*	BS EN 13859-2 (A)	200 N/5 cm / 135 N/5 cm
Elongation MD/CD	BS EN 13859-2 (A)	50 % / 70 %
Elongation MD/CD aged*	BS EN 13859-2 (A)	30 % / 40 %
Nail tear resistance MD/CD	BS EN 13859-2 (B)	220 N / 300 N
*) Artificial ageing by long term	BS EN 1297 / BS EN 1296	passed (for walls with open joints)
Flexibility at low temperature	BS 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)
CE labelling	BS EN 13859-2	available

Area of application

For use as a wall lining membrane behind closed and open facades (gap decking, up to a gap width of 35 mm - decking width = at least 3 x gap width). Installation on roof decking, wood-based panels and all mat or panel-shaped thermal insulation materials.

Forms of delivery

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
12933	4026639129338	50 m	1.5 m	75 m ²	13.5 kg	1	20
13729	4026639137296	50 m	3 m	150 m ²	27 kg	1	20

Advantages

- ✓ Ensures reliable building components: highly permeable and, at the same time, maximum protection against driving rain
- ✓ Dry building components: pore-free TEEE functional membrane actively transports moisture to the outside
- ✓ Not visible behind gap decking: black fleece with identification marking in the overlap area
- ✓ Highest possible durability and thermostability thanks to the TEEE membrane
- ✓ 6 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.

Ecological Building Systems

For stockist information and full technical support for your project, please contact Ecological Building Systems or visit www.EcologicalBuildingSystems.com



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General conditions

SOLITEX FRONTA QUATTRO membranes must be laid with the printed side facing outwards. The membranes are to be installed horizontally in a taut manner with no sagging.

When using behind open jointed façades the gaps must not be more than 35 mm. The width of the boarding: min. 3 x gap width.
The distance between the façade and the membrane must be at least 20 mm.

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

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.



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