



Technical data

	Substance
Fleece	Polypropylene microfibre
Membrane	monolithic TEEE
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Fleece	Polypropylene microfibre
Adhesive	special acrylate adhesive
Release film	silicone coated PE-film, split 30/250 mm

Attribute	Regulation	Value
Colour		black
Surface weight	EN 1849-2	390 g/m ² ; 1.28 oz/ft ²
Thickness	EN 1849-2	1.1 mm ; 43 mils
Water vapor resistance factor μ	EN ISO 12572	185
sd value	EN ISO 12572	0.2 m
g value		1 MN-s/g
Vapour permeance		16.4 US perms
Fire rating	EN 13501-1	E
Outdoor exposure		6 months, permanent against diffuse UV light in the eave area
Water column	EN ISO 811	10 000 mm ; 32' 10"
Water tightness non-aged/aged*	EN 13859-1	W1 / W1
Tensile strength MD/CD	EN 13859-1 (A)	480 N/5 cm / 340 N/5 cm ; 55 lb/in / 39 lb/in
Tensile strength MD/CD aged*	EN 13859-1 (A)	360 N/5 cm / 260 N/5 cm ; 41 lb/in / 30 lb/in
Elongation MD/CD	EN 13859-1 (A)	60 % / 70 %
Elongation MD/CD aged*	EN 13859-1 (A)	45 % / 50 %
Nail tear resistance MD/CD	EN 13859-1 (B)	300 N / 380 N ; 67 lbf / 85 lbf
*] Durability after artificial ageing with 10,000 h of UV ageing instead of 5,000 h	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)
CE labelling	EN 13859-1	yes

Application

Eave membrane for installation on SOLITEX WELDANO for open eave ends with a perforated plate. Allows for drainage of the roof lining into the gutters.

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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Advantages

- ✓ Very long service life: UV ageing test carried out with 10 000 h instead of 336 h
- ✓ Permanent protection thanks to the high resistance to ageing and heat of the TEEE membrane
- ✓ Easy and reliable installation thanks to its split release film
- ✓ Sticks immediately to substrates that have sufficient stability
- ✓ Flexible use: can also be used on facades
- ✓ Maximal flexibility in planning construction schedules thanks to up to 6 months of outdoor exposure during the construction phase

Substrates

Clean substrates before sticking.

Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on materials to be bonded. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima interior and exterior membranes, other vapour retarder and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and wall lining membranes (e.g. those made of PP and PET).

Bonding and joints are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (chipboard, OSB, plywood, MDF and wood fibre underlay panels).

Pretreatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels and smooth mineral substrates. Concrete or plaster substrates must not be sandy or crumbling.

If pro clima SOLTEMPA is used on SOLITEX WELDANO in the eaves area, the SOLTEMPA adhesive serves merely as a mounting aid. Permanent attachment must be implemented in a mechanical manner, e.g. by using counter battens.

The best results in terms of structural stability are achieved on high-quality substrates.

It is your responsibility to check the suitability of the substrate; adhesion tests are recommended in certain cases.

Pretreatment with TESCON PRIMER is recommended in the case of substrates with insufficient stability.

General conditions

The bonds should not be subjected to tensile strain.

Press firmly to secure the adhesive tapes in place. Ensure that there is sufficient resistance pressure.



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