SOLTEMPA

UV-resistant, full-surface adhesive membrane strip for eaves



Technical data

	Material
Fleece	Polypropylene microfibre
Functional film	Monolithic TEEE
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Fleece	Polypropylene microfibre
Adhesive	Special acrylate adhesive
Release film	Silicone-coated PE film

Property	Regulation	Value
Colour		Black
Surface weight	EN 1849-2	390 g/m² ; 1.28 oz/ft²
Thickness	EN 1849-2	1.1 mm ; 43 mils
Water vapour resistance factor µ	EN ISO 12572	185
sd value	EN ISO 12572	0.2 m
g value	EN ISO 12572	1 MN·s/g
Vapour permeance		16.4 US perms
Reaction to fire classification	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"
Watertightness, 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 for 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

Areas of application

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

Splits on release film

Strip width Split (approx.)

280 mm (11") 30 | 250 mm ($1^{3}/_{16}$" | $9^{13}/_{16}$")

Supply forms

Art. no.	Length	Width	Release film splits	Weight	Sales unit	Container	GTIN
1AR02259	30 m	0.28 m	30|250 mm ($1^{3}/_{16}$"|8¾")	3.5 kg	1	60	4026639222596

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Advantages

- ✔ Very long service life: UV ageing test carried out for 10,000 h instead of 5,000 h
- ✔ Long-term protection thanks to the high resistance to ageing and heat of the TEEE functional film
- ✔ Easy and reliable installation thanks to its split release film
- ✔ Sticks immediately to subsurfaces that have sufficient stability
- ✔ Flexible use: can also be used on facades
- ✔ Maximum flexibility in planning construction schedules thanks to up to 6 months of outdoor exposure during the construction phase

Substrates

Clean subsurfaces before applying. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima internal and external membranes, other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and breather membranes (WRBs) (e.g. those made of PP and PET). Adhesive bonds 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). Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels and smooth mineral subsurfaces. Concrete or plaster subsurfaces must not be sandy or crumbling.

If SOLTEMPA is applied onto SOLITEX WELDANO at the eave, 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 subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces with insufficient stability.

General conditions

The adhesive bonds should not be subjected to tensile strain.
Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure.

CE
16
EN 13859-1

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The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Germany at +49 6202 278245.

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