SOLTEMPA

Full-surface adhesive sealing strip

Technical data

	Material
Fleece	Polypropylene microfibre
Membrane	Monolithic TEEE
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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		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"
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 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

Areas of 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.

Split of the release film

Strip width	Split (approx.)
280 mm (11")	30 | 250 mm (1 3/16" | 9 13/16")

Further information about installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](https://proclima.com/service/technical-support).

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pro clima®

Supply forms

Art. no.	GTIN	Length	Width	Weight	Sales unit	Container
1AR02259	4026639222596	30 m	0.28 m	3.5 kg	1	60

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 subsurfaces 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 subsurfaces 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-check 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). 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 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 subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces with insufficient stability.

General conditions

The 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

Made in Germany developed and produced by pro clima

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