SOLTEMPA

Full-surface adhesive sealing strip

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		1 MN·s/g
Vapour permeance		16.4 US perms
Fire class	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 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.	GTIN	Length	Width	Splits on release film	Weight	Sales unit	Container
1AR02259	4026639222596	30 m	0.28 m	30 | 250 mm	3.5 kg	1	60

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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 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
- ✔ 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 surfaces where adhesives are to be applied. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima interior and exterior 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. 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
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EN 13859-1

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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 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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