# SOLTEMPA

Full-surface adhesive sealing strip

## Technical data

| | Material |
|---|---|
| Fleece | Polypropylene microfibre |
| Functional film | 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 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 roof lining 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 |

## 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 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 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
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EN 13859-1

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pro clima

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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