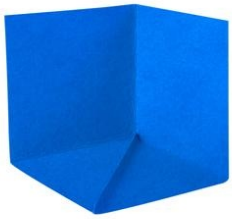
# WELDANO® INCAV

## Homogeneously weldable shaped element for interior corners



### Technical data

| | Material |
|---|---|
| Functional films, front and back | Polyurethane |
| Support fleece | Polyester |

| Property | Regulation | Value |
|---|---|---|
| Colour | | Blue |
| Strip width | | 150 mm ; 5 7/8" |
| Thickness | EN 1849-2 | 0.8 mm ; 31 mils |
| Water vapour resistance factor µ | EN ISO 12572 | 225 |
| sd value | EN ISO 12572 | 0.18 m |
| g value | EN ISO 12572 | 0.9 MN·s/g |
| Vapour permeance | ASTM E 96 | 18.22 US perms |
| Reaction to fire classification | EN 13501 | E |
| Outdoor exposure | | Cen./Nth. Europe & Canada/Nth. US: 4 months; RoW: 3 months |
| Water column | EN ISO 811 | > 4 000 mm |
| Watertightness, non-aged/ aged* | EN 1928 | W1 / W1 |
| Durability after artificial ageing | 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 |

### Areas of application

For reliable sealing of joints at interior corners within the SOLITEX WELDANO roofing underlay system. This diffusion-open shaped element, which is supplied pre-welded, can be welded to the SOLITEX WELDANO 3000 roofing underlay membrane in a homogeneous manner in terms of materials using the system solvent welding agent or hot air.

### Supply forms

| Art. no. | Contents | Weight | GTIN |
|---|---|---|---|
| 16361 | 4 pieces | 0.15 kg | 4026639163615 |

### Advantages

- ✔ Simple implementation of challenging joints thanks to pre-fabrication
- ✔ Reliable sealing of corners: homogeneously weldable with a solvent welding agent or hot air
- ✔ Extremely high tear-resistance and very stable
- ✔ Can be easily adapted for shorter base lengths, for example, using a knife or scissors
- ✔ Excellent occupational safety: non-slip and abrasion-resistant surface

### Substrates

Suitable for installation over pressure-resistant subsurfaces, e.g. timber sheathing, wood-based panels and wood-fibre underlay panels. The subsurface must be dry, free of frost, clean and free of any sharp-edged or pointed objects.

### General conditions

The membrane edges are to be welded using the WELDANO TURGA system solvent welding agent or a hot air gun. The welding area must be dry and free of frost, dust and grease. If there is dirt (e.g. oil) on the surface, moisten a cloth lightly with WELDANO TURGA system solvent welding agent and use it to clean off this dirt. Both sides of the membrane can be welded and are suitable as upper layers.

Welding with a solvent welding agent can be carried out at temperatures above 0 °C (32 °F). Please observe the hazard notices on the container.

If a hot air gun is being used, we recommend a temperature of around 220 to 280 °C (430 to 530 °F) depending on the ambient temperature and wind conditions. Test this setting by carrying out a test weld on a sample piece of membrane. A 40 mm (1.6") nozzle width has been found to be suitable in practice for welded joints between surface membranes. A 20 mm (¾") nozzle may be more suitable in certain cases for more intricate joints.

As an alternative to the use of the WELDANO ROFLEX, WELDANO INVEX or WELDANO INCAV system shaped elements, these elements can also be made by cutting appropriate shapes out of SOLITEX WELDANO 3000 membranes.

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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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