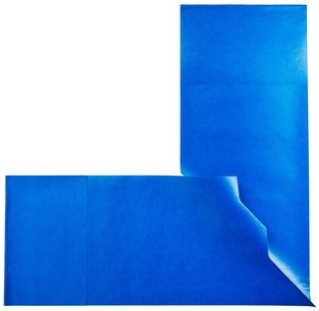
WELDANO® INVEX 3D

Homogeneously weldable 3D sealing strips for skylight corners



Technical data

	Material
Functional films, front and back	Monolithic TPU
Support fleece	Polyester

Property	Regulation	Value
Colour		Blue
Strip width		1200 mm ; 47.25"
Thickness		0.8 mm ; 31 mils
Reaction to fire classification	EN 13501	E
Outdoor exposure		Cen./Nth. Europe & Canada/Nth. US: 6 months; RoW: 4 months
Water column	EN ISO 811	> 4000 mm ; 13' 1"
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
CE labelling	EN 13859-1	Yes

Areas of application

For reliable sealing of skylight corners within the SOLITEX WELDANO weldable 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
1AR04512	4 pieces	1.5 kg	4026639245120

Advantages

- ✔ Practical sealing strip for challenging joints thanks to pre-fabricated 3D geometry
- ✔ 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

Membrane edges are to be welded using the WELDANO TURGA system solvent welding agents 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.

Welding with a solvent welding agent can be carried out at temperatures above 0 °C (32 °F) for WELDANO TURGA or 10 °C (50 °F) for WELDANO TURGA HS. 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 (1⅝") 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.

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As an alternative to the use of the WELDANO ROFLEX, WELDANO ROFLEX MODI, WELDANO INVEX, WELDANO INVEX 3D or WELDANO INCAV system shaped elements, these elements can also be made by cutting appropriate shapes out of SOLITEX WELDANO 3000 membranes.

CE
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EN 13859-1

Made in Germany developed and produced by pro clima

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.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
Phone: +49 6202 2782 0
eMail: info@proclima.com