

CONTEGA FIDEN EXO

Pre-compressed joint sealing tape for exterior use



Technical data

Substance	
Material	open-cell polyurethane flexible foam with polymer impregnation
Attribute	Regulation Value
Colour	anthracite
sd-value	< 0.5 m
g-value	< 2.5 MN·s/g
Vapour permeance	ASTM E 96 > 6.56 US perms
Fire rating	DIN 4102 B1, P-NDS04-1001
Joint permeability	EN 1026 $a < 1.0 \text{ m}^3/[(\text{h}\cdot\text{m}\cdot(\text{daPa})^n)]$
Loading group	DIN 18542 BG1
Weather resistance	DIN 18542 passed
Resistance to driving rain	EN 1027 requirements fulfilled up to 600 Pa
Can be plastered/painted over	yes
Compatibility with conventional construction materials	DIN 18542 yes
Application temperature	above +1 °C ; 34 °F
Temperature resistance	permanent: -30 °C to +90 °C ; -22 °F to 194 °F
Storage	1 °C to 20 °C ; 34 °F to 68 °F, 12 months, cool and dry

Application

For exterior sealing of joints on building structures in a manner that is open to diffusion and resistant to driving rain on building structures. This particularly weather-resistant tape has a self-adhesive surface on one side for easy installation.

Advantages

- ✓ Permanent joint sealing thanks to extremely high resistance to weathering
- ✓ Fulfils the highest requirements: BG1 quality and fire rating B1, P-NDS04-1001
- ✓ Ensures dry building components: resistant to driving rain and open to diffusion
- ✓ RAL quality-tested installation
- ✓ Large range for all standard joint widths

Substrates

Clean any loose dust and dirt from the joint. The masonry may need to be levelled with a smooth finish (e.g. mortar joints). Clean the sides of the window frames.

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 planed and painted wood, hard plastics, hard wood-based panels (chipboard, OSB, plywood panels) and metal.

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.

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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
D-68723 Schwetzingen
Fon: +49 (0) 62 02 - 27 82.0
eMail: info@proclima.de



General conditions

The tape must be stored in a cool place on the building site when temperatures are above 20 °C (68 °F). When temperatures are below 8 °C (47 °F), the tape should ideally be kept above this temperature.

Select the tape dimensions and planning of the joint dimension according to the RAL guideline for planning and carrying out the installation of windows and doors.

Allow 1 cm (3/8") of additional length of the tape for every metre length of the joint (compressed installation). Use butt-joints at corners and longitudinal joints. Ensure the tape remains in place until decompressed by using the self-adhesive surface on a suitable subsurface. Fit the tape with an offset of at least 2 mm (1/16") inside the edge of the joint for engineering reasons.

To avoid decompression of already-started rolls: fix the ends of the tape with a staple or else wrap an adhesive strip fully around the tape. Store the rolls lying flat. Place a weight on the side of already-started rolls.

Check compatibility before plastering or painting over the tape. Do not bring the tape into contact with aggressive chemicals or clean it using aggressive chemicals.



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