

CONTEGA FIDEN EXO

Pre-compressed joint sealing tape for exterior use



Technical data

| Substance | | |
|--|--|--|
| Component | open-cell polyurethane flexible foam with polymer impregnation | |
| Property | 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 | $a < 1.0 \text{ m}^3/[(\text{h}\cdot\text{m}\cdot(\text{daPa})\text{n}]$ |
| 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.

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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 KLIPFIX 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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