Installation instructions

CONTEGA® FIDEN EXO

Installation steps: Pre-installation before window mounting

1. Window to be installed into a masonry structure

CONTEGA FIDEN EXO is to be applied to the frame before the window is mounted. The frame is laid out flat with the exterior side facing up.

2. Remove the protective film

Cut the outer protective film with a utility knife and remove this film.

3. Cut the roll open

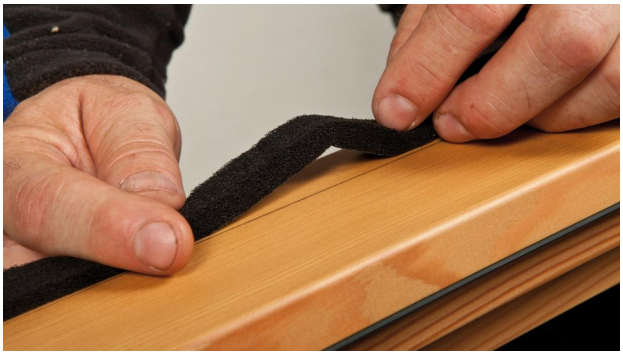
Open the roll by cutting into it with a utility knife or scissors.

4. Cut off the start of the tape

Roll off a length of CONTEGA FIDEN EXO and cut off the overcompressed start of the tape (approx. 2 cm; 3/4").

5. Stick the tape to the frame

Remove the release film, align the tape straight on the frame and gradually stick it in place. The tape must not be visible after installation (allow a recess of approx. 1-2 mm; 1/16").



6. Allow for slack in the tape

Allow for a small amount of slack in the tape when sticking it in place, particularly near joints – do not stretch the tape!

7. Use butt-joints at corners

Stick the tape all around the window frame. Use a separate length of CONTEGA FIDEN EXO on each side, and use butt-joints at the corners. Allow for a small amount of slack near the corners.

8. Install the window

Install the window properly using a suitable fastening system.

9. You're finished!

You now have a finished windproof and rainproof joint!

Installation steps: Window already mounted

1. Window already mounted in a masonry structure

CONTEGA FIDEN EXO is to be applied subsequently to an already mounted window.

2. Roll off a length of CONTEGA FIDEN EXO

... and cut off the overcompressed start of the tape (approx. 2 cm (3/4")). Using a scraper knife, carefully insert the tape into the joint, parallel to the edge. Always install CONTEGA FIDEN EXO with a recess of 1-2 mm (around 1/16") to stop it protruding.

Substrates

Clean any loose dust and dirt from the joint. The masonry may need to be levelled with a smooth plaster finish if there are pores, roughness, different heights or mortar joints etc. present. Subsurfaces must be sufficiently pressure-resistant and must be non-absorbent. Smooth, parallel and level subsurfaces are critical to achieve a proper seal. Clean the sides of the window frames.

Adhesion is not possible on frozen surfaces. 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; if necessary, subsurfaces should be stabilised or renewed.

Good adhesion is achieved on planed and painted timber windows and on plastic windows. Surfaces should not be finished in a water-repellent manner.

Particular care is necessary when working with older or multi-layer subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases.

General conditions

When temperatures are above 20 °C (68 °F), the tape should be stored in a cool place on the building site too. When temperatures are below 8 °C (47 °F), the tape should ideally be kept above this temperature limit. The rate of expansion of the tape depends primarily on the temperature: the expansion rate is slower at low temperatures, faster at higher temperatures.

The tape dimensions should be selected and the gap dimensions planned in accordance with the "Guideline for installation of windows and external pedestrian doors" that has been published by the RAL Quality Seal organisation (Gütegemeinschaft Fenster, Fassaden und Haustüren e. V.) in Frankfurt and IFT Rosenheim.

Provide for slack by allowing 1 cm of additional length of the tape for every metre length (or ⅛" for every foot) of joint. Use butt-joints at corners and end-to-end joints. Ensure the tape remains in place until it expands by using the self-adhesive surface on a suitable subsurface. Install the tape with a recess of at least 2 mm ($^1/_{16}$") back from the edge of the gap.

Tape rolls should generally be stored lying flat. To avoid decompression of rolls that have already been started, secure the ends of the tape with KLIPFIX or else wrap an adhesive strip fully around the tape. Place a weight on the side of rolls that have already been started.

Before plastering or painting over the tape, test compatibility with the tape first. Do not bring the tape into contact with aggressive chemicals or clean it using such chemicals.

The recommended joint widths can be found under 'Supply forms'. For each individual article, the lowest and highest joint width is stated for which a seal is achieved that fulfils the BG1 class. Relative motion between building structures and any unevenness on surfaces should be taken into account here. The joint width is the width into which the tape can expand; this should also be taken into account when installing CONTEGA FIDEN EXO into a groove.

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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