



pro clima

# CONTEGA SL

2-ply plaster sealing tape with vapour retarding properties

## Application Guide



### WHAT FOR?

For air-tight sealing of interior, thermally insulated joints when fitting windows and doors. Together with CONTEGA EXO it's suitable for sealing joints in masonry and timber construction in accordance with RAL recommendations. CONTEGA SL comes with three adhesive strips and can thus be used flexibly in masonry and timber construction..

### WHAT ON?

A permanent bond can be achieved on all pro clima membranes (vapour-retarding and air-tightness membranes, roof underlays and wall-lining membranes, and trickle protection membranes), PE, PA, PP and aluminium films for creating airtightness, planed and painted wood, hard plastics and metal (e.g. pipes and windows), hard wood-based panels (chipboard, OSB, BFU and MDF panels).

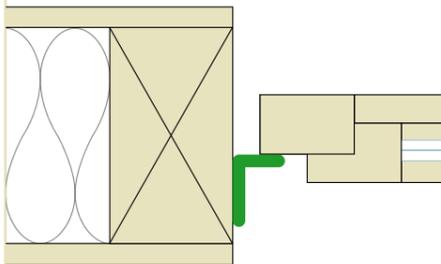
### BENEFITS

- ✓ Vapour retarding and airtight sealing of indoor window and door joints
- ✓ RAL-compliant in combination with CONTEGA EXO outdoors
- ✓ Can be plastered over on the fleece side
- ✓ With three adhesive tapes it is very versatile in timber and masonry construction

FURTHER INFORMATION OVERLEAF >>

### Situation 1

Timber-frame construction, window is already installed, SL is applied subsequently



If the window is already in place, SL is applied to the window frame.

#### Remove the inner layer of release film



1a

Pull off one strip of release film on the membrane side (smooth side).

#### Apply to window frame



1b

Position the full width of the tape on the window frame and stick down on the first side of the jamb.

#### Fold the corner



1c

Fold tape into the corner. Check for uninterrupted air-tight adhesion to the window. Then continue sticking all around the window frame. At the end, cut the tape off, leaving an overlap of approx. 5 cm

#### Apply to jamb



1d

Remove the second strip of release film on the smooth side of the membrane and stick the tape all the way around the jamb.

#### Press tape firmly



1e

Press the tape firmly to the jamb and to the window frame. The pressing aid pro clima PRESSFIX is particularly efficient and protects your hands.

#### Stick the ends



1f

In the adhesive area at the ends, remove the release film on the fleece side, about 4 cm to the left and right of the joint butt.

#### Stick the ends

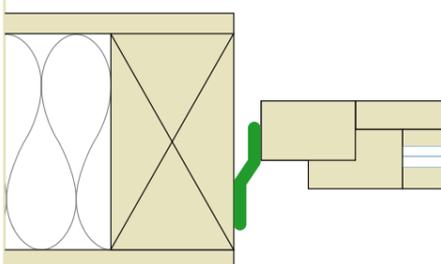


1g

Stick the overlap joint of CONTEGA SL with a small piece of TESCON VANA or TESCON No.1 all-round adhesive tape. Firmly press all adhesive joints. Finished!

### Situation 2

Timber-frame construction, SL is pre-fitted to window



SL has already been stuck to the sides of the window frame, e.g., by the window manufacturer or installer.

#### Fold the corner



2a

Fold tape into the corner. Remove release paper in corner area and stick the folds of tape together. Check for uninterrupted air-tight adhesion of the tape.

#### Stick to the jamb



2b

Remove the release film on the smooth side of the membrane and stick the tape air-tight all around the jamb.

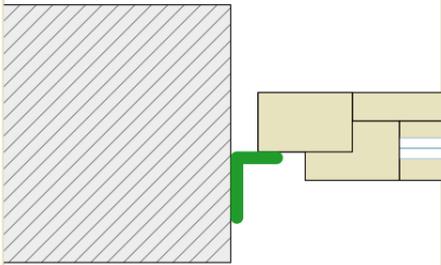
#### Stick the ends



2c

Apply a bead of ORCON F joint adhesive (approx. 5 mm thick) between the overlapping ends of the tape. Press the tape into the adhesive. To allow for movement of the structural elements, do not press the adhesive bead completely flat.

**Situation 3** Masonry construction, window is already installed, SL is applied subsequently



If the window is already in place, SL is applied to the window frame.

Apply to window frame



3a

Pull off one strip of release film on the membrane side (smooth side). Position the full width of the tape on the window frame and stick down on the first side of the jamb.

Remove the inner layer of release film



3b

Remove the inner strips of release film on the first side of the jamb until you reach the first corner.

Form the corner



3c

Fold tape into the corner. Check for uninterrupted air-tight adhesion to the window. Then continue sticking all around the window frame. At the end, cut the tape off, leaving an overlap of approx. 5 cm.

Apply adhesive to entire surface



3d

Apply a bead of ORCON F joint adhesive – about 5 mm thick (or more in case of very rough surfaces) – to the jamb in a zig-zag pattern. The connection to the wall must be sealed properly (min. 80%).

Press tape into adhesive



3e

Remove the inner strips of release film all the way around. ORCON F does not stick to the film! Press the tape into the adhesive. To allow for movement of the structural elements, do not press the adhesive bed completely flat.

Stick the ends



3f

Remove the outer release film of the lower tape. Apply a bead of ORCON F (approx. 5 mm thick) between the overlapping ends of the tape. Press the tape into the adhesive. To allow for movement of the structural elements, do not press the adhesive bed completely flat.

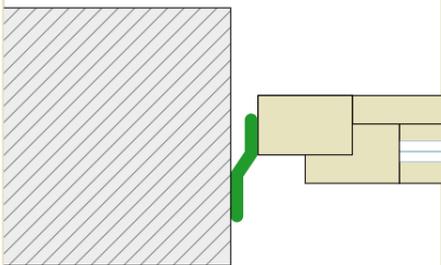
Remove the outermost strip of release film



3g

Remove the outer strips of release film (on the fleece side) all the way around. Plaster does not stick to the release film! Ready for plastering.

**Situation 4** Masonry construction, SL is pre-fitted to the sides of the window



SL has already been stuck to the sides of the window frame, e.g., by the window manufacturer.

Remove the inner layer of release film



4a

Apply a bead of ORCON F joint adhesive – about 5 mm thick (or more in case of very rough surfaces) – to the jamb in a zig-zag pattern.

Remove the inner layer of release film



4b

Remove release film on the blank side of the membrane and place the tape in the adhesive. ORCON F does not stick to the release film! To allow for movement of the structural elements, do not press the adhesive bed completely flat.

Form the corner



4c

Fold tape into the corner. Remove release paper in corner area and stick the folds of tape together. Check for uninterrupted air-tight adhesion of the tape.

Press tape into adhesive



4d

Press the tape into the adhesive. To allow for movement of the structural elements, do not press the adhesive bed completely flat.

Stick the ends



4e

Apply a bead of ORCON F joint adhesive (approx. 5 mm thick) between the overlapping ends of the tape. Press the tape into the adhesive. To allow for movement of the structural elements, do not press the adhesive bed completely flat.

Stick the ends



4f

Stick the folded corners together with ORCON F. It is subsequently easier to plaster over the tape.

Finished!



4g

Finished air-tight joint. You can now plaster over the tape.

**COMPOSITION**

CONTEGA SL consists of a double-layer special membrane made from polyethylene copolymer and PP fleece. The integrated adhesive tape is made of pure acrylate that is waterproof, non-ageing and free of solvents or softeners. This, combined with high temperature resistance, ensures a strong, durable bond. The high final strength of the bond is reached within 24 hours.

**SURFACES**

Surfaces must be suitable for durable leak-proof sealing with joint tape. They must be stable, dry, smooth and free of dust, silicon and grease. Adhesion is not possible on frozen surfaces. The suitability of the surface must be checked. Conduct adhesion tests if necessary.

**CONDITIONS**

The bonds should not be subjected to tensile strain. Press the adhesive tapes firmly. Ensure there is sufficient back-pressure. Air-tight joints can only be achieved when the joint tape is fitted without folds or interruptions. Ventilate regularly to prevent build-up of excessive humidity. Use a dehumidifier if necessary.

The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommendations given 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 state of technical knowledge at the time you use our products.

If you have any questions, please call the pro clima technical hotline:

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Further information about application and construction is given in the pro clima planning documentation.

(Please also take note of the recommendations contained in the current pro clima application matrix.)

| Characteristic          | Value                                       |
|-------------------------|---------------------------------------------|
| Backing                 | PP fleece and special PP copolymer membrane |
| mvtr-value              | 11.5 MNs/g                                  |
| Temperature resistance  | Long-term from -40°C to +90°C               |
| Application temperature | From -10°C                                  |
| Colour                  | Light blue                                  |
| Storage                 | 24 months, cool and dry                     |