

EXPAND. SEAL. PERFORM.

Effisus SealExpand

INSTALLATION MANUAL



Correct preparation. Continuous detailing. Controlled placement.

A clear, step-by-step guide for correct application around window and frame openings.

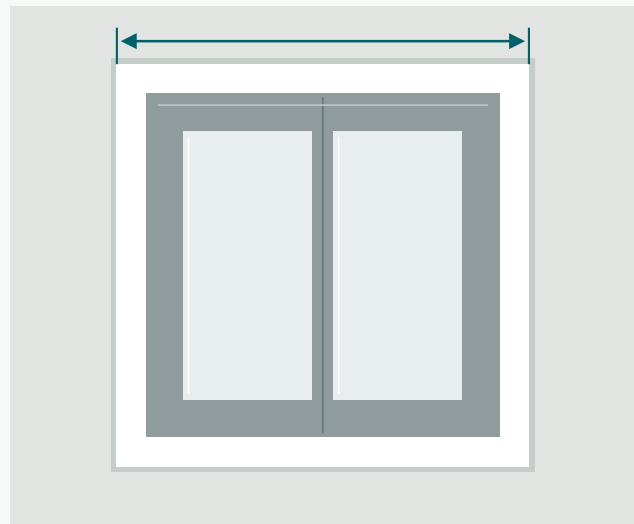
www.effisus.com

Measure. Confirm. Prepare.

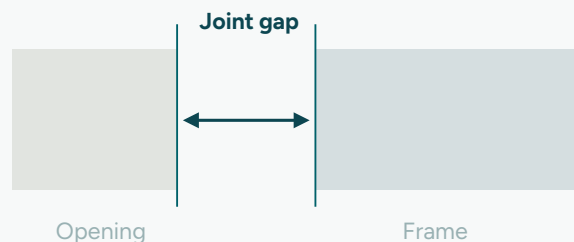
Correct sizing and a clean, dry substrate are the starting point for reliable installation.

- 1 Measure the dimensions of the opening and the joint gap where Effisus SealExpand tape will be applied.
- 2 Consult Effisus to confirm the tape dimensions suitable for the application.
- 3 Surfaces must be dry. Clean and degrease all smooth surfaces with Effisus Cleaner LV.
- 4 Confirm that bottom, top and side joints have the same gap. Sometimes you may use different tape sizes.

OPENING DIMENSIONS



JOINT GAP - ENLARGED PRINCIPLE



Schematic illustration - not to scale.

BEFORE YOU START

Confirm tape size with Effisus.

SURFACE CONDITION

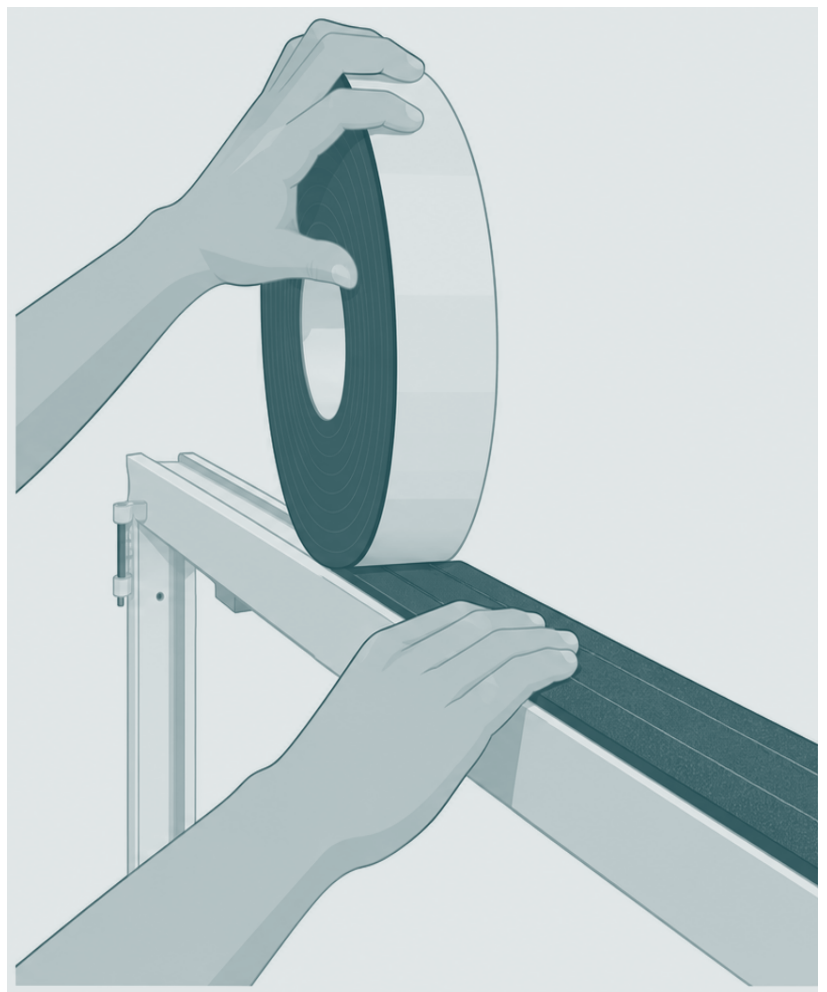
Dry - clean - degreased.

STEP 02 / BONDING

Bond to the frame before installation.

Keep the full bonding perimeter accessible and position the tape toward the outer side of the frame.

- 1 Place the frame on a stable surface. The entire bonding perimeter must be accessible.
- 2 Remove the protective film and press the adhesive side firmly onto the frame. The adhesive facilitates application but is non-structural.
- 3 Start bonding on one side of the frame - never at the corners. Apply the tape as close as possible to the outer side of the frame.
- 4 Complete tape bonding before placing the frame in the opening.



Tape bonded to the outer perimeter edge.

SEQUENCE

Bond first. Place the frame second.

CRITICAL DETAIL

Start on a side, never at a corner.

Form the corner fold.

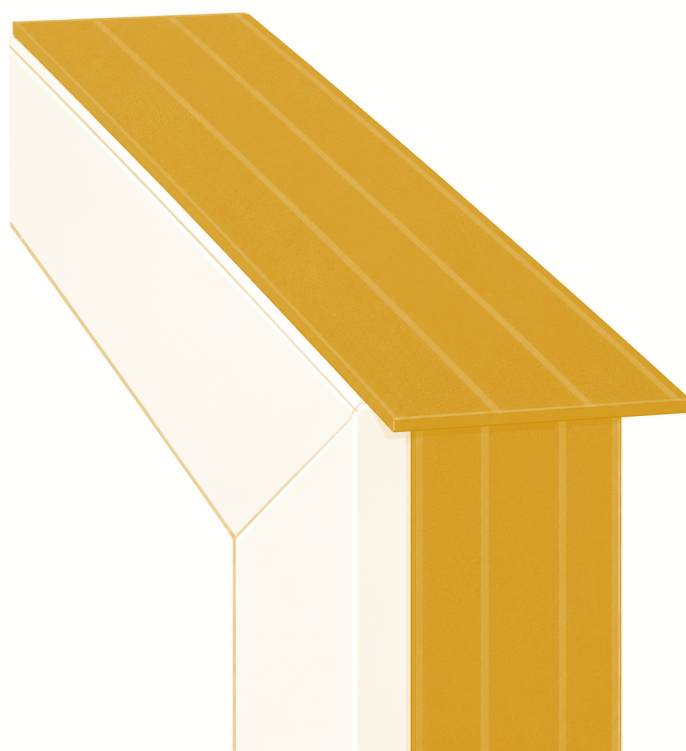
Maintain continuity at corners, terminations, overlaps and interruptions.

OPTION A



Corner fold on the outer perimeter of the frame.

OPTION B



Corner overlapped on the outer perimeter of the frame.

Fold the tape at corners by a width equal to or greater than the minimum thickness of the tape used. This allows correct expansion within the joint range for which it has been sized.

FOLD WIDTH: Equal to or greater than the minimum thickness of the tape used.

Leave the upper part of the tape longer at corners to assure that the water flow is correctly sealed. On the side of the frame leave the bottom part longer

Fixings may penetrate the tape while maintaining correct watertight sealing.

Close the joint with a matching cut.

At every termination, overlap or interruption, make one diagonal cut simultaneously through both ends.

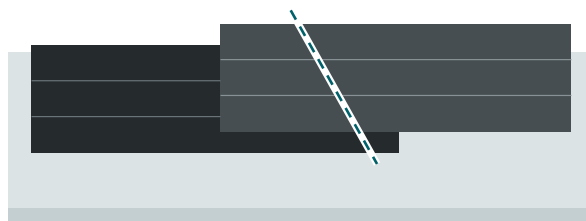
1 Overlap the two ends.

Bring the tape ends over one another before cutting.



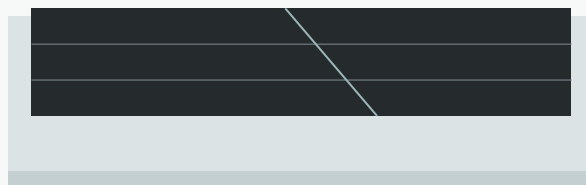
2 Cut through both at once.

Make one diagonal cut simultaneously through both ends.



3 Butt the cut ends together.

Butt the cut ends perfectly together so the tape joint is complete.



Schematic sequence - not to scale. Shading identifies the two tape ends.

FINISHED CONDITION

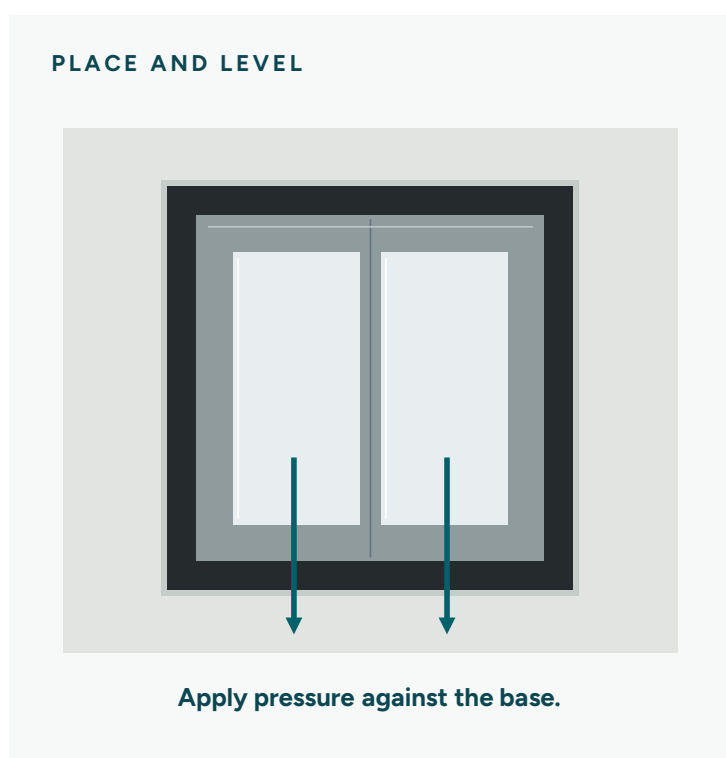
The matching cut ends meet as a complete butt joint.

STEP 05 / PLACEMENT IN THE OPENING

Place, level and make final adjustments.

Protect the tape position during frame installation and correct any displacement before completion.

- 1 When placing the frame, apply pressure against the base of the opening. Adjust and level the frame within the available space.
- 2 Any displacement of Effisus SealExpand during or after placement can be corrected using a spatula.
- 3 When placing shims in the window opening, make sure they do not overlap the tape application area.
- 4 If required for aesthetic reasons, the tape may be painted or covered with sealant after application.



NOTE: SHIMS CLEAR OF THE TAPE. Do not put them side by side

Schematic principle - not a project detail.

Five rules to keep visible.

A compact installation check before the frame is handed over.

01



Measure the opening and joint gap; confirm tape sizing with Effisus.

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02



Work on dry, clean and degreased smooth surfaces.

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03



Bond on the frame before placement; start on a side, not at a corner.

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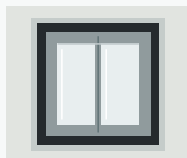
04



Fold corners correctly and make simultaneous diagonal cuts at joints.

☐

05



Level the frame, keep shims clear and correct tape position if needed.

☐

For tape dimension selection or application-specific guidance, consult Effisus.