OVAN Folding Screen Door Adhesive Installation Guide

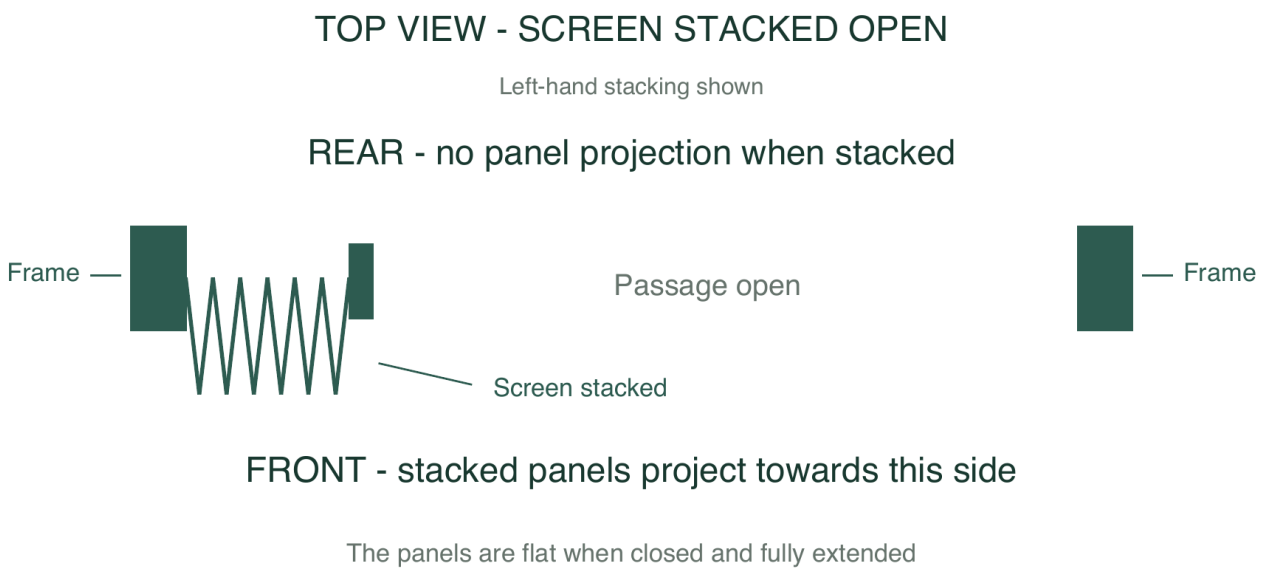
Bonding the assembled screen frame to the existing door frame

For existing aluminium-alloy or timber door frames confirmed as suitable for adhesive fixing. This guide does not cover installation on brickwork, concrete or other surfaces requiring separately confirmed fixings, and does not replace the frame assembly instructions.

Stack the screen first to identify the front and rear

When the screen is stacked, the side towards which the panels project is the front. The side without that projection is the rear.

When the door is closed and the screen fully extended, the panels are flat; the front and rear do not change. Do not identify them by whether they face indoors or outdoors.



This shows only the relative orientation of the screen panels and frame. It is not to scale and is not a profile cross-section. Identify the sides on the product you receive.

Adhesive locations: apply double-sided tape in sections, with silicone sealant in the gaps, on the top and both side contact surfaces at the rear of the screen frame. Apply silicone sealant only to the downward-facing underside of the bottom track, without double-sided tape.

Preparation before installation

Check that the frame is assembled, all four corner joints are secured, and the dimensions suit the installation position. Have the supplied double-sided tape ready, and provide your own silicone sealant, caulking gun and cleaning cloth. A spirit level is recommended for checking alignment.

First confirm that the adhesive materials are suitable for the material and surface coating of the existing frame and the bottom track’s supporting surface, and for the intended fixing application. Prepare the contact surfaces as instructed. They must be sound, clean and dry, with no loose coating.

Apply Adhesive to the Rear of the Screen Frame

Identify the rear first, then distinguish the top, both sides and the bottom track underside

01 Apply the double-sided tape in sections

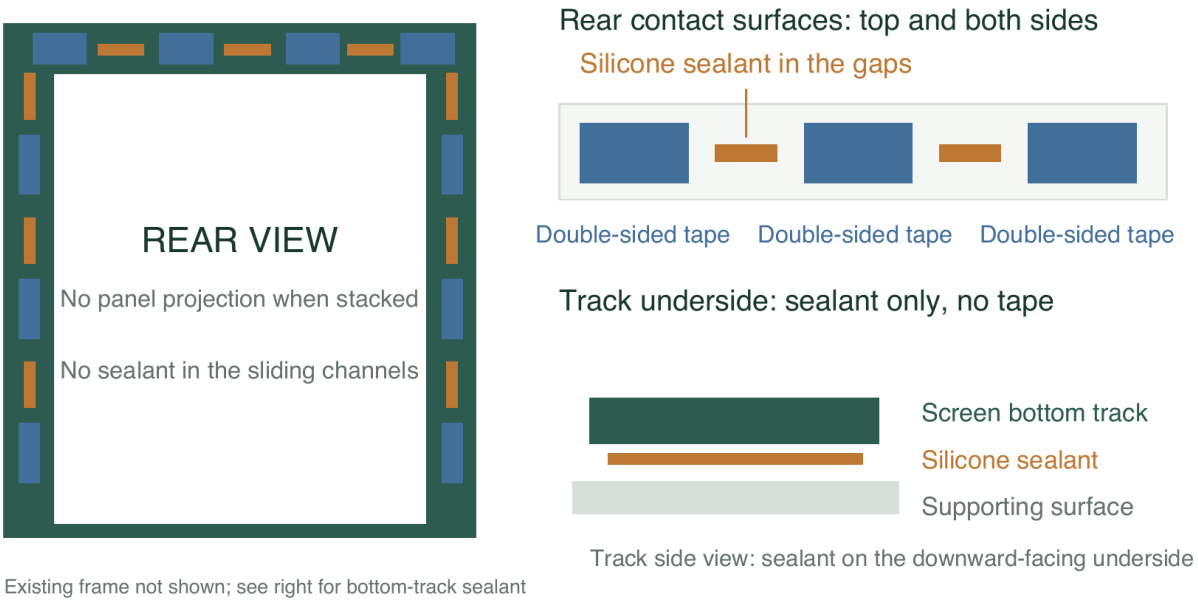
First stack the screen panels and identify the rear, where the panels do not project. Apply double-sided tape to the top and both sides of the rear of the screen frame, where it will contact the existing door frame, not to the existing frame itself. Apply it in sections, leaving gaps for sealant between them. Do not apply double-sided tape to the underside of the bottom track.

02 Apply silicone sealant to the screen frame

At the top and both sides, apply silicone sealant to the gaps between the tape sections on the rear of the screen frame. Do not cover the tape. Apply sealant directly to the underside of the bottom track that faces the supporting surface, without double-sided tape. Here, ‘underside’ is not the same as the ‘rear’ described above.

Keep silicone sealant out of the screen channels and other moving parts. Peel off the outer release liner from the double-sided tape before bringing the frame into contact.

Apply both tape and silicone sealant to the screen frame



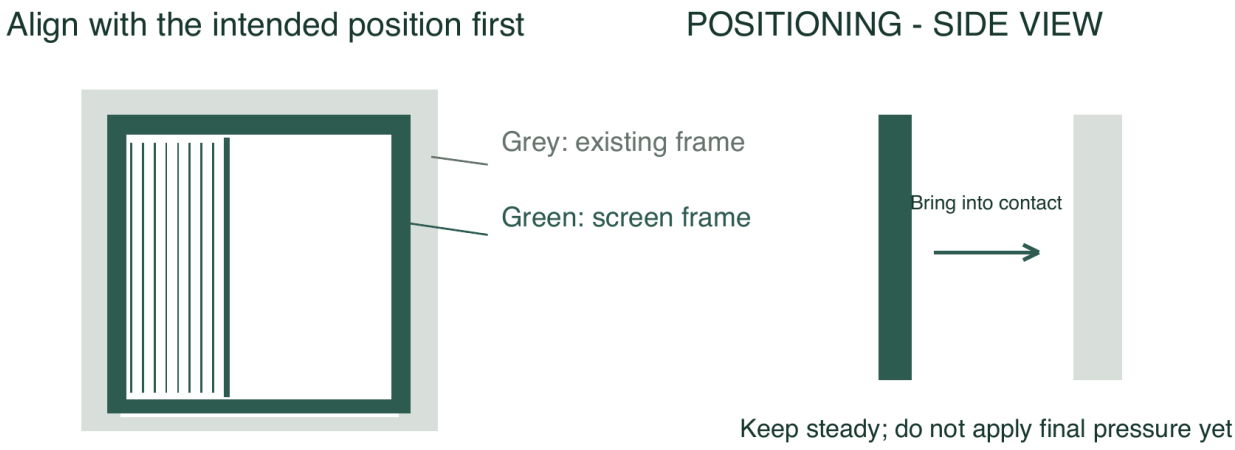
The diagram is not to scale. Check tape spacing, sealant bead dimensions and quantities against the applicable installation plan and material requirements. Do not estimate them from the diagram.

Position and Align the Frame

Hold the frame steady, bring it into contact and check its position before testing opening and closing

03 Position against the existing door frame

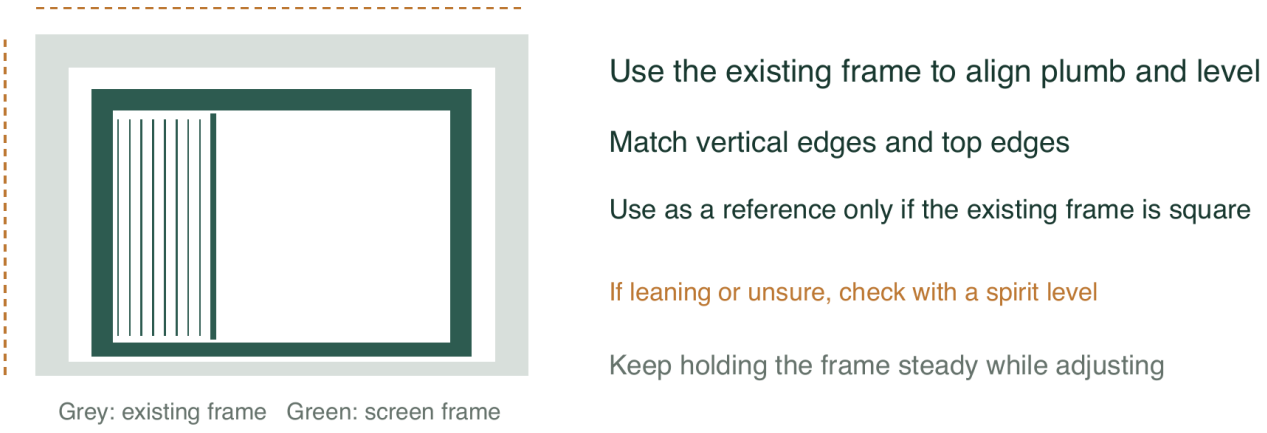
With tape and sealant applied to the top and both sides, and sealant applied to the underside of the bottom track, align the screen frame with its intended position. Bring the frame against the existing door frame and align the bottom track with its supporting surface. Keep the frame steady. Do not yet carry out the final section-by-section pressing in Step 06.



Double-sided tape may bond immediately on contact. Confirm the position first; do not rely on substantially moving an already bonded frame to correct its alignment.

04 Adjust the frame to plumb and level

If the existing door frame is itself correctly aligned, use it as a reference: align the screen frame with the left and right vertical edges of the fixed frame, then level the top track against its top edge, keeping the corresponding edges parallel. Do not use the open door leaf as a reference.



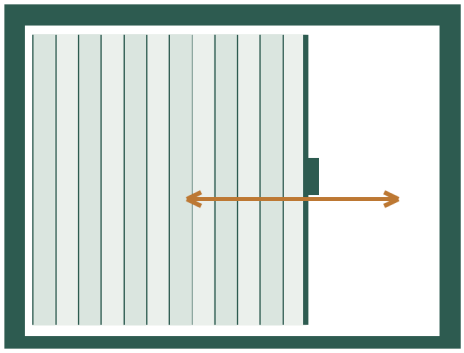
If the existing frame is leaning or you are unsure, use a spirit level to check that the screen frame is plumb and the top track is level. Do not follow a crooked frame or force the screen frame out of shape.

Check Smooth Sliding, Then Press to Secure

Hold the frame steady during testing so it does not move before it is securely bonded

05 Test the screen’s sliding movement

Have another person hold the screen frame steady. Gently move the leading end of the screen to check that it extends and stacks smoothly, without catching, rubbing or interference from the existing door or handle. For a two-sided folding configuration, check the left and right sides separately.



Move the screen leading edge, not the whole frame

Gently test opening and closing

Have another person steady the frame

Check for catching, rubbing and handle interference

Stop and recheck if anything is wrong

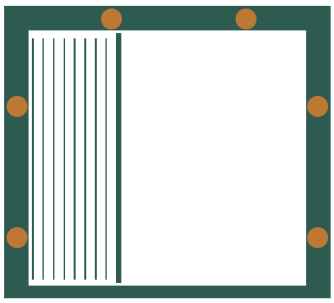
Single-sided folding shown at left

If the screen catches, stop and recheck the position and frame alignment. Do not pull forcefully to ‘free it up’, or use the screen panels or handle to support the whole frame.

06 Press along the screen frame in sections

Once the position and operation have been checked, press along the contact areas at the top and both sides of the screen frame, section by section, so that the double-sided tape fully contacts and bonds to the existing frame. The underside of the bottom track bonds with silicone sealant, without double-sided tape. Press the frame, not the screen panels.

FRONT VIEW



Press the frame contact areas in sections

SIDE VIEW



Apply pressure to the tape and existing frame

Do not press the panels or hammer the frame

Apply pressure towards the contact surface of the existing frame, without compressing the track channels. Follow the pressure requirements in the instructions for the supplied double-sided tape. Do not hammer the frame or clamp it in a way that deforms it.

07 Leave undisturbed before use

After installation, leave it undisturbed for at least 24 hours and wait until the silicone sealant is fully dry before use.

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