

Windows Installation Process

The proper handling and storage of our windows play a crucial role in their long-term performance. It is imperative to review this manual; feel free to reach out to us if you have any inquiries.

Delivery and Storage

Familiarize yourself with the 'on-site care of timber windows' manual containing crucial details prior to commencing the installation process.

Step 1: Placement of Windows

Our windows can be installed either during the construction phase or later into pre-made openings. Openings can be established during construction using designated purchased frame templates or templates built on-site. These templates must create openings that are 10 to 20mm larger than the overall window size. To prevent frame distortion, it's important to avoid overly tight fits with adjacent materials. However, the fitting should not exceed 10mm on each side.

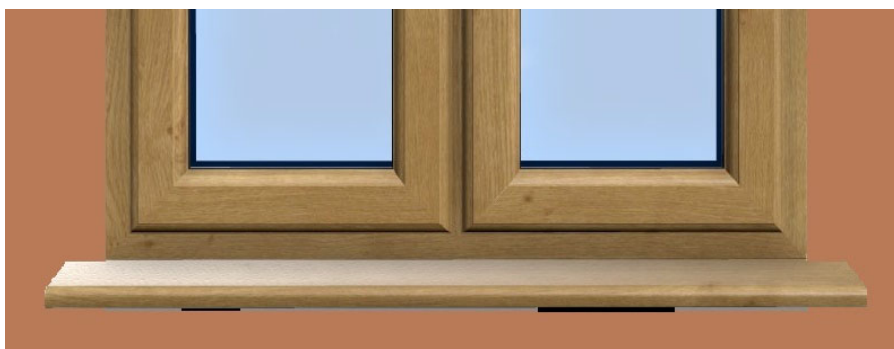
These guidelines also apply when replacing your current windows. Ideally, measurements should incorporate a 10mm overall tolerance (5mm on each side), measured from the smallest point of the opening.



Step 2: Positioning the Window

Before utilizing any fasteners, make sure the window is uniformly leveled and aligned vertically on all four sides within the opening. When integrating a continuous support at the sill level, it can be achieved using a mortar bed.

Positioning shims or packings should be placed no farther than 150mm from each vertical side (jamb) and beneath each vertical divider (mullion). It's crucial to pay close attention to the frame's fitting process, as distortion can hinder the movement of window sashes. This caution is particularly relevant during the installation of sliding sash windows.



Once the shims or packings are in place, verify the operational smoothness of all casements before proceeding with the final securing process

Step 3: Securing the Window

To firmly secure the window in place, follow these guidelines for optimal results.

For the sides of the frame, utilize fixings situated 150mm away from both the top and bottom edges. Maintain a maximum distance of 450mm between each fixing point.

For windows wider than 1800mm, it's essential to introduce additional fixation points at the center of both the head and the sill. This provides added stability for larger window units.

When attaching the window to the brickwork, you have the option of using either a screw and anchor plug or a self-tapping concrete anchor. Ensure that the chosen fixing method penetrates the brickwork by a minimum of 25mm, preferably 50mm, for enhanced durability. We suggest opting for an 8x120mm fixing, which can conveniently be acquired from our website.



Both the window frame and the brickwork will require drilling to create pilot holes for the fixings. These pilot holes serve as a guide for accurate and secure placement.

During the fixation process, prioritize inconspicuous locations on the frame where possible. This ensures an unobtrusive appearance while maintaining the window's structural integrity.

To safeguard against frame distortion, it's vital that the fixings are aligned with the same points as the spacers used earlier. This precaution guarantees that the frame remains undisturbed during and after the fixation process. By adhering to these instructions, you can achieve a secure and stable window installation that will endure over time.

Step 4: Window Sealing

To prevent the infiltration of air between the window and the adjacent wall, it is necessary to seal the gap. This can be achieved by using expanding foam seal. An extra layer of sealing can be added using silicone or polysulphide based sealant.

Step 5: Finishing

If your window lacks a pre-finished coat, the finishing process should be undertaken during dry weather using high-quality exterior materials as per the manufacturer's instructions. Further guidance can be found in the 'on-site care of timber windows' manual.

Step #6 (Glass Installation)

For guidance on installing glass, refer to our 'Guide for Glazing a Timber Window.'

We hereby disclaim responsibility for any subsequent defects or failures arising from failure to adhere to the advice provided in this information sheet.