

Installing Stand-off Fixings – Timber, Using Timber Inserts

White Metal Products & Tools Required:

Stand-off brackets – Quickcodes [770](#), [772](#) or [771 & 769](#)

Threaded timber inserts – Quickcode [033](#)

Flat face fastening tool – Quickcode [149](#)

Glass, with relevant holes – Special Item, Made to Order

Other Tools needed:

12mm Hex Key

Drill

19/20mm Drill Bit

1. Layout the standoffs and fixings, and check you have everything you need before starting.
2. We recommend doing a mock up with packers the thickness of your glass before you begin, so that you can determine what length of stud needs to be protruding from the timber.
3. Mark where the fixings need to go. Double check the exact positions of the holes in the glass, as the fixings will need to line up with these.
4. Drill out a 19mm diameter hole into the timber, and screw the insert in using a hex key. If fixing into hardwood, drill out a 20mm hole. (Based on M12 Fitting, for M8 please enquire)
5. The 033 M12 threaded inserts are 30mm deep, so the hole ideally needs to be at least this, although we can cut them down if needed. The M8 inserts are 20mm.
6. Repeat until you have all the inserts in the timber.
7. Remove the back spacers from the standoffs, if using quickcode [770's](#) or [772's](#). Unscrew the stud from the front boss'.
8. Screw the studs into the timber inserts, finishing so you have enough stud protruding for the glass thickness and front face.
9. Put the back spacer, and back white nylon washer, where it will finally sit.
10. Then lift the glass up, and position it over the stud. Move the glass back until it rests against the back spacers/white nylon washer.
11. Take the front boss, and screw it onto the protruding stud. Tighten it with our Quickcode [149](#) Flat Face Fastening Tool.
12. Ensure fittings are threaded on at least 1-2 turns, but also checking overlength stud hasn't prevented the standoffs from clamping the glass.

Note:

Technical information, dimensions and illustrations in this guide are for guidance purposes only. We reserve the right to change product sizes and details without prior notice. We always recommend that the purchaser checks the sizes of the actual batch purchased prior to drilling other materials.

All advice or assistance relating to our products is given in good faith but without obligation and subject specifically to the exclusion of any liability whatever on our part or on the part of our staff for damages whether direct or consequential. It is the buyer's responsibility to establish the suitability of the product and materials for the purpose for which they are purchased.

Installing Stand-off Fixings – Masonry, Using a Chemical Anchor

White Metal Products & Tools Required:

Stand-off brackets – Quickcodes 770, 772 or 771 & 769

Additional Stud – Quickcode 020, or Cut to Order

Chemical resin – Quickcode 038

Applicator gun - Quickcode 038

Flat face fastening tool – Quickcode 149

Glass, with relevant holes – Special Item, Made to Order

Other Tools needed:

Drill

14 mm Drill Bit (For M12)

Blow-Out Pump

1. Lay out the standoffs and fixings, and check you have everything you need before starting.
2. We recommend doing a mock up with packers the thickness of your glass before you begin, so that you can determine what length of stud needs to be free for clamping the glass.
3. Mark where the fixings need to go. Double check the exact positions of the holes in the glass, as the fixings will need to line up with these.
4. Drill 85-90mm depth holes into the brick at the correct spacings, and clear the hole of dust and debris. The exact depth of hole you need to drill will be dictated by the situation. This depth is recommended as an ideal – any more than this and you could drill into a cavity and the resin will just push out the back of the hole.
5. Using an applicator gun, inject resin gently into the hole.
6. Take the stud, and slowly rotate whilst pushing it into the resin filled hole. Be careful not to get resin on the part required for fixing to. Repeat until all studs are in place.
7. Once the stud has been inserted into the resin filled hole, leave for the manufacturers specified time for the resin to set. Once it has set rock hard you can carry on installing the standoffs.
8. If you're using quickcode 770's or 772's, remove the back spacers from the standoffs. Unscrew the studs from the front boss'.
9. Put the back spacer, and back white nylon washer, where it will finally sit.
10. Then lift the glass up, and position it over the stud. Move the glass back until it rests against the back spacers/white nylon washer.
11. Take the front boss, and screw it onto the protruding stud. Tighten it with our Quickcode 149 Flat Face Fastening Tool.
12. Ensure fittings are threaded on at least 1-2 turns, but also checking overlength stud hasn't prevented the standoffs from clamping the glass.

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Installing Stand-off Fixings – Timber, Using Wood-Metal Dowels

White Metal Products & Tools Required:

Stand-off brackets – Quickcodes [770](#), [772](#) or [771 & 769](#)

Wood-metal dowels – Quickcode [032](#)

Flat face fastening tool – Quickcode [149](#)

Glass, with relevant holes – Special Item, Made to Order

Other Tools needed:

Drill

Torx Head Drill Bit Set

8-10mm Timber Drill Bit

1. Layout the standoffs and fixings, and check you have everything you need before starting.
2. We recommend doing a mock up with packers the thickness of your glass before you begin, so that you can determine what length of stud needs to be protruding from the timber.
3. Mark where the fixings need to go. Double check the exact positions of the holes in the glass, as the fixings will need to line up with these.
4. Drill an 8-10mm hole into the timber for the wood to metal dowel – the exact size needed varies depending on the timber hardness. We suggest you test one first before drilling all the holes as there is such a variation in timber. The quickcode [032](#) wood to metal dowels come in varying lengths to suit different situations. In general, the further they are into the timber the better.
5. Our wood to metal dowels has a torx head, making them incredibly easy to screw in. Using a cordless drill, simply screw the wood to metal dowel into the timber, repeating until all dowels are screwed in. Ensure there is enough dowel protruding from the timber for clamping the glass – this length was determined in Step 2.
6. If you're using quickcode [770](#)'s or [772](#)'s, remove the back spacers from the standoffs. Unscrew the studs from the front boss'.
7. Put the back spacer, and back white nylon washer, where it will finally sit.
8. Then lift the glass up, and position it over the stud. Move the glass back until it rests against the back spacers/white nylon washer.
9. Take the front boss, and screw it onto the protruding stud. Tighten it with our Quickcode [149](#) Flat Face Fastening Tool.
10. Ensure fittings are threaded on at least 1-2 turns, but also checking overlength stud hasn't prevented the standoffs from clamping the glass.

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