

Installing posts to masonry/concrete

Guide to installing posts using chemical resin and stud

1. If you have not taken advantage of our White Glove post assembly service, you will need to manufacture and assemble your posts as required –
 - a. Cut tube to length & debur
 - b. Weld on base plate as required
 - c. Drill and tap for infill holders if required
 - d. Put base cover onto post and drop down to cover base plates
 - e. Attach clamps using M8 machine screws, and finally glue in the top caps if there's no handrail included in the design

2. Doing a dry run, lay out all the posts and calculate spacings between posts. If you have already ordered glass, make sure that the spacings are perfect, or your glass will not fit!

3. If a layout plan has been provided, take great care to ensure all parts have been allocated in the correct location on the entire project, including cables, fittings and/or glass. Time spent on this 'dry run' is well worth it as it will avoid cost and inconvenience at a later date

** NOTE – all pre-fabricated posts come labelled according to the schedule – the label can be found inside the tube at the top of the post, or on the plastic sleeve the post comes in **

4. This modular system has been CUSTOM manufactured to your requirements and needs to be installed as designed. Some parts are not adaptable and using them in the incorrect location is irreversible.

5. Place masking tape where your posts will be fixed. Place post on masking tape, in the correct position.

6. Slide up the base cover, and mark the posts fixing holes with a marker pen or similar. Make sure the post is exactly where you want it, taking care to ensure the dimensions from the deck/floor edge are as required.

7. It is critical at this step to also ensure that the clamps are aligned along the complete run of balustrading so that the clamps line up with the glass panels when these are installed.

** NOTE – to keep the base covers up while you are working on the fixings, you can carefully use handy wrap or cable ties to hold these up against the first set of clamps above **

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.

8. We recommend doing a mock up with a base plate, nut & washer and cover plate, to give an idea of the amount of stud needed above **finished floor level**. The exact amount needed can vary, but is usually around 18-20 mm.
9. Knowing the amount of stud needed above finished floor level will dictate the depth the holes need to be drilled to.
10. Drill the holes to the required depth, and clear the hole of dust and debris.
11. Using an applicator gun, inject resin gently into the hole.
12. Take the stud and slowly rotate whilst pushing it into the resin filled hole. Be careful not to get resin on the thread that's required for securing the nut to. Repeat until all studs are in place.
13. Once the stud has been inserted into the resin filled holes, leave for the manufacturers specified time for the resin to set. Once it has set rock hard you can carry on installing the posts.
14. Lower the post over the studs, and tighten nut and washer.
15. At this stage ensure the posts are level vertically – level the post using suitable packers under the base plates if required. (Quickcode 046, sold separately)
16. Lower the cover plate carefully over the fixed base plate, taking care not to scratch the post.

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