GLASS BALUSTRADES DIY

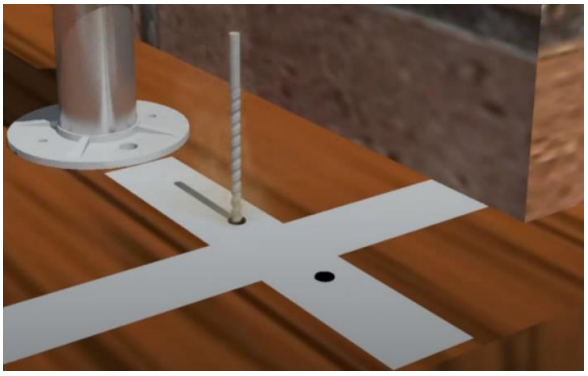
Installing Post Systems

Prior to installation, make sure all surfaces are clean.

Using more masking tape, mark where your posts are to be situated.

Using the original plan, mark out where your posts will be positioned using a marker pen.

If you are fitting to concrete, drill 8mm holes to a depth of 80mm then use 100mm stainless steel floor anchor fixings to secure (hand tight) the posts.



If you are fitting to WOOD, drill 6mm x 80mm pilot holes and use 80mm stainless steel coach screws to secure (hand tight) the posts.

Use a spirit level at the top, rear and front of each post to check they are plumb. You can use shims for any corrections that need to be made.

Once the posts are plumb, tighten up the fixings.

Handrail

Now to fit the handrail by working from left to right.

If you have a wall on your left by your first post you will need a wall flange.

Rest the top rail on the saddles, slide until it reaches the wall and make marks through the fixing holes.

Move the top rails out of the way and drill where you made marks using an 8mm masonry drill bit.

Fix into place using stainless steel screws.

Put pieces of masking tape around the top rail in every location where there is a saddle screw hole.

Make marks through the fixing holes.

Turn or remove the top rail and dot punch, drill and tap in all locations of the top rail where you made marks.

Reposition the top rail on the saddles and fix into place using the M6 button head screw provided.

If you have corners or ends where an elbow or three-way corner is used, you will need to cut the top rail to size with a tube cutter or similar.

Glue in the elbows/corners.

Tip 1: Use masking tape to hold in position until the glue sets.

Tip 2: Using glue activator speeds the curing time from 30 minutes to 5 minutes in all weathers.

Complete the rail by fitting the end caps.

If you have a run longer than 6 metres, a tube connector is required.

Glass Panels

Working from the inside, remove the front part of the clamps.

Place 2 x 80mm high blocks between the posts for the glass panel to rest on as you fit them.

Rest the glass panel on the blocks and centre between the posts.

Place the front part of the clamps on the posts and fix both screws securely.

Continue this process to complete your whole balustrade system.

Enjoy the view!