



F L O
G L A S S

Flo Glass Installation Guide

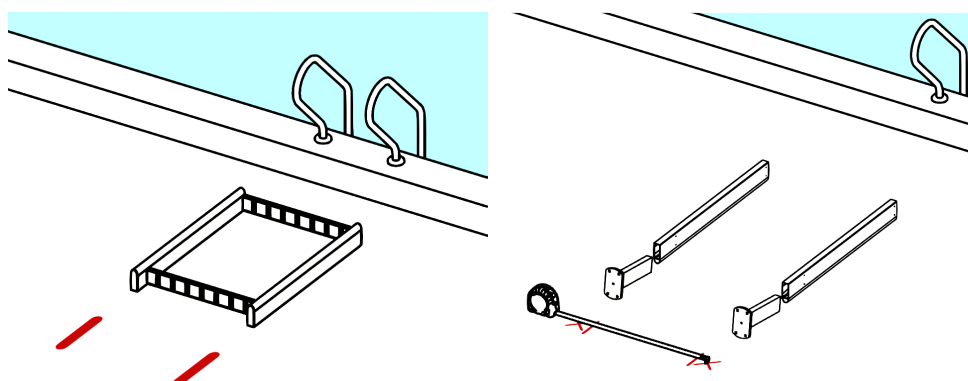


Equipment Required

- Hammer drill
- Impact driver
- Screw/drill bits
- Laser level/stringline
- Concrete fasteners (not supplied)
- Allen key set
- Socket set
- Tape measure
- Masking tape
- Chalk line
- Marking chalk
- Drilling templates
- Cutting tools
- File
- Touch-up paint
- Cleaning cloth
- Personal protective equipment (gloves, glasses, hearing protection,)

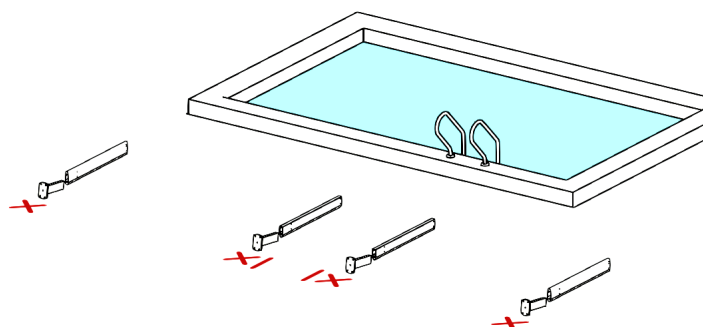
Step 1 Locate and Mark Out Gate Locations

Use tape measure and chalk to layout gate positions. Next position the gate posts either side to allow enough space for the hinge and lock. Mark the gate post spigot positions with chalk. There should be at least 885mm between the posts if you're using the Flo Glass hinge and lock set. Ensure allowance for post thickness over spigots.



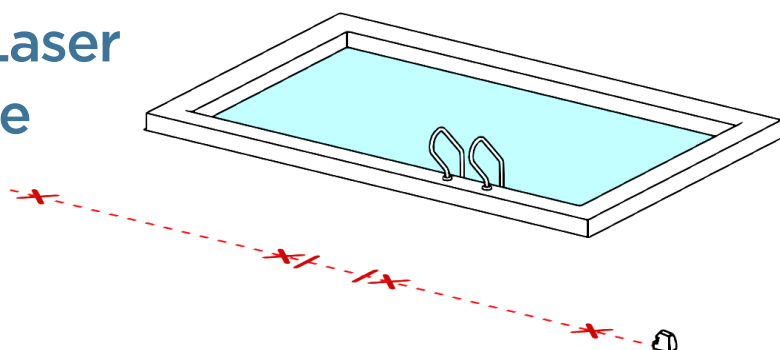
Step 2 Measure Out and Mark Post Locations

Measure post spacing, ensuring a maximum of 3000mm between posts. Mark with chalk. The earth wire can be connected/hidden beneath a spigot. Take time to think about the location of your earthing wire in relation to your posts.



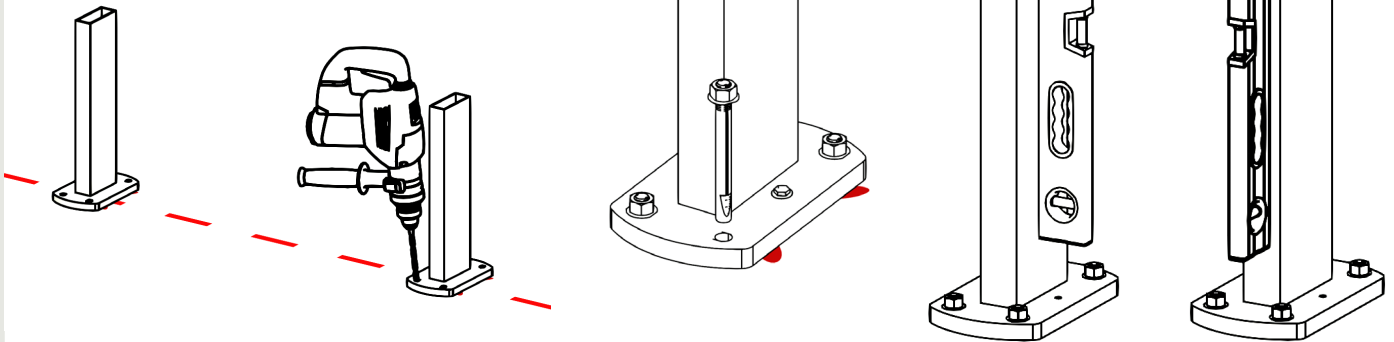
Step 3 Stringline or Laser Post Spigots into Line

Set up a stringline or laser level to align post spigots. Make sure that you align your entire run



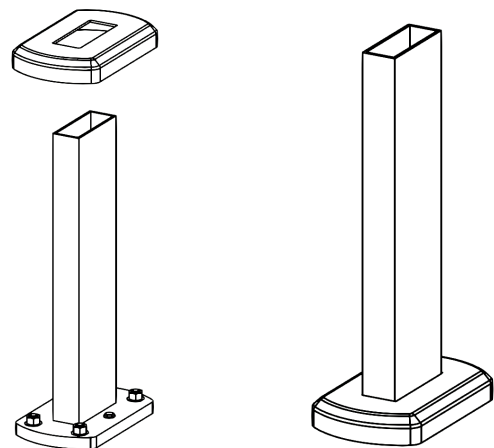
Step 4 Drill, Bolt and Level Post Spigots

Drill the concrete/tiles for the spigot fixings (not supplied) as per the manufacturer specifications. If you're connecting an earth wire to your spigot, do this now. Bolt the spigot into position and use a spirit level to plumb both vertically/horizontally.



Step 5 Install Foot Cover

Snap foot cover onto post spigot to cover bolts.

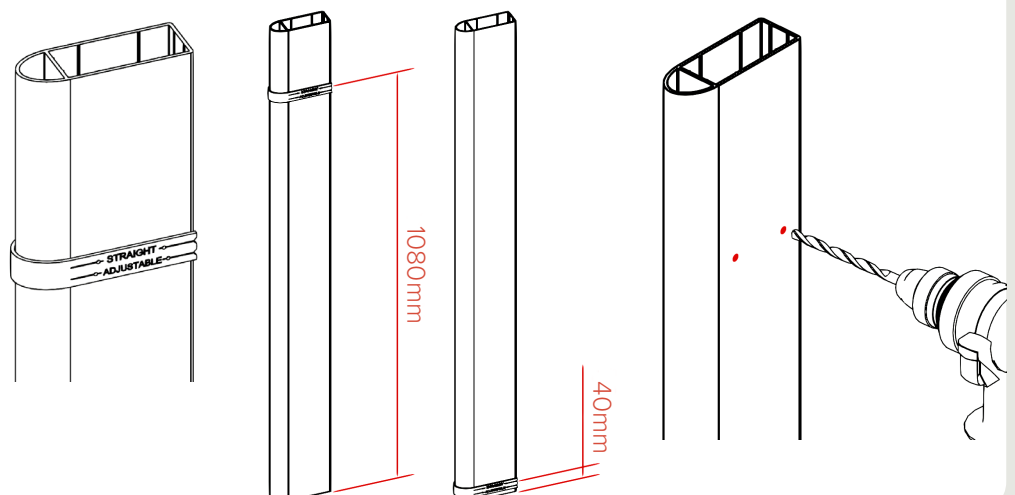


Step 6 Mark and Drill Bracket Holes

The provided post jig has preset holes for either a straight bracket or an adjustable bracket.

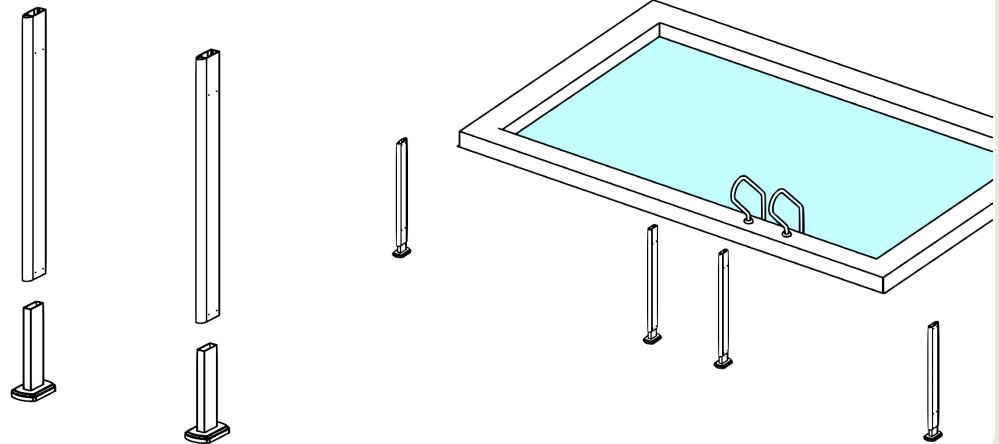
Mark the position of the bottom bracket 40mm from the bottom of the post and the top hole 1080mm from the bottom. Once marked drill 2mm pilot holes.

Use jig to mark hole locations, do not drill through jig.



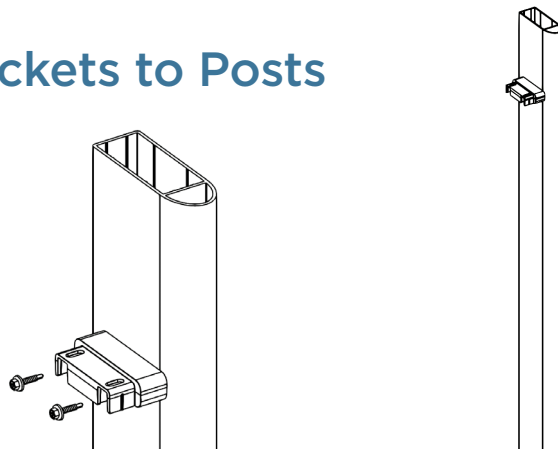
Step 7 Install Posts onto Spigots

Slide the posts onto the spigots. You must have the foot covers from Step 5 installed prior to this.



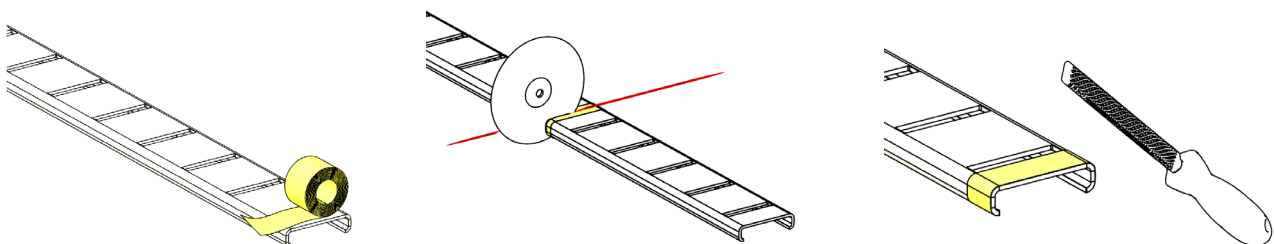
Step 8 Install Top Rail Brackets to Posts

Screw the top rail brackets onto the posts using the previously drilled holes. Only attach the top rail brackets at this time.



Step 9 Cut Rails to Length

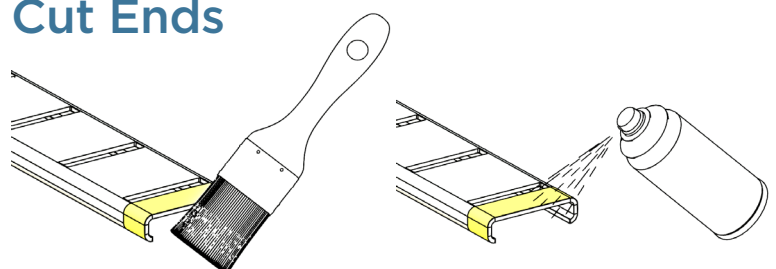
Measure the distance between each bracket and mark it using masking tape. The masking tape will protect the powder coating from lifting while cutting and will allow for an easy touch-up process once cut. Cut the rails using a sharp drop saw or circular saw. Once finished, file off any sharp edges to allow for a tight fitment with the brackets.



Step 10 Touch Up Paint, Cut Ends

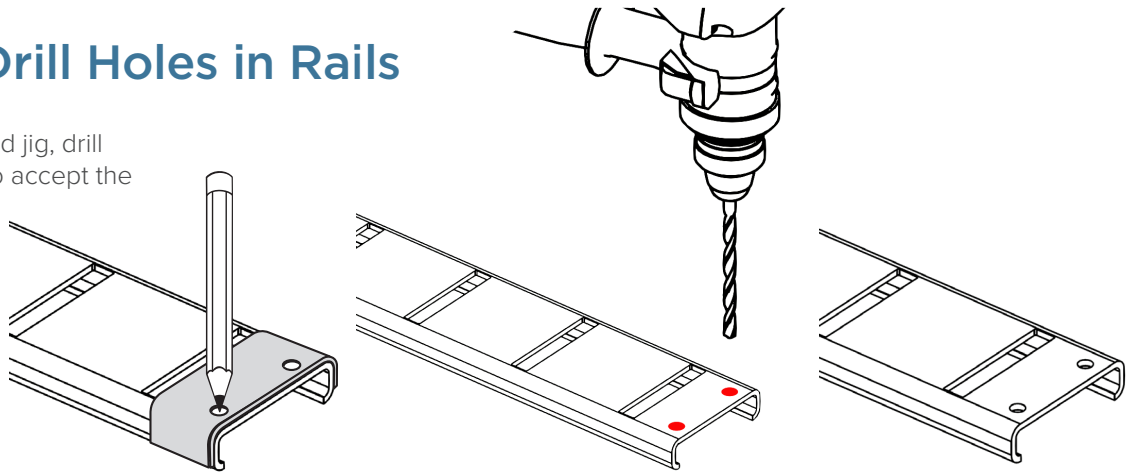
Take cut section and apply touch-up paint to cut areas with brush or spray. (Be careful not to get overspray on powder coating)

Let dry and remove masking tape before installing bracket.



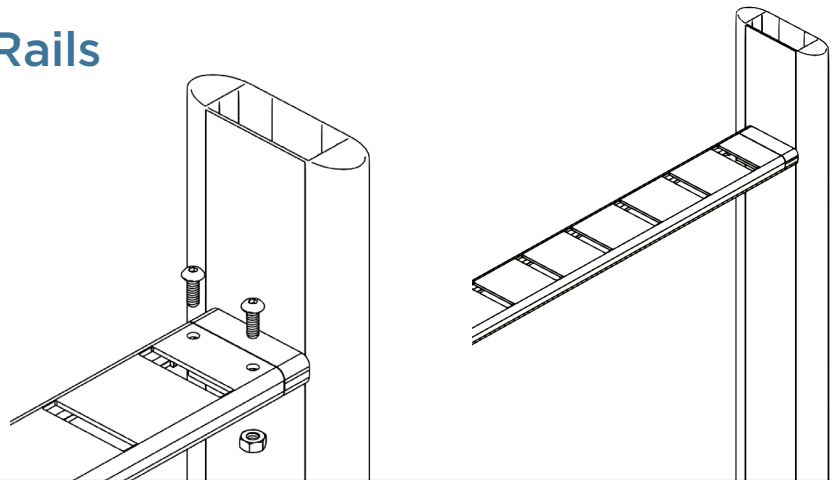
Step 11 Drill Holes in Rails

Using the supplied jig, drill holes in the rail to accept the bracket bolts.



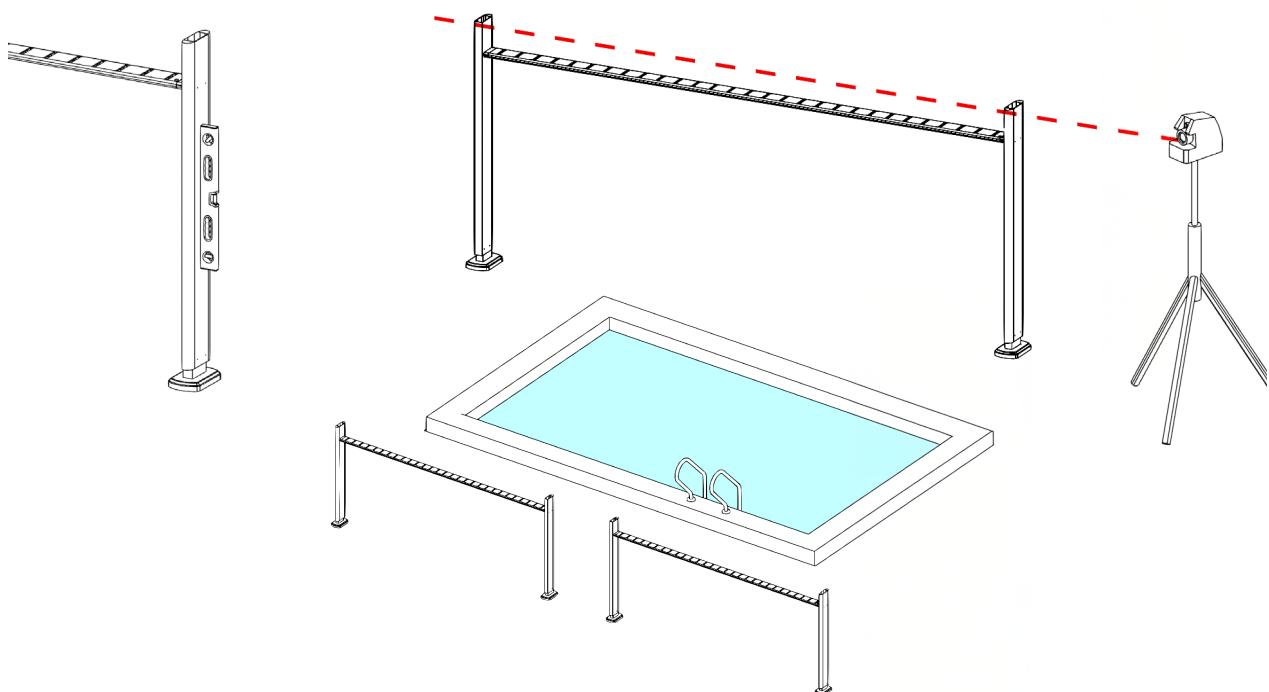
Step 12 Install Top Rails

Slide top rail onto brackets and secure with bolts and lock nuts.



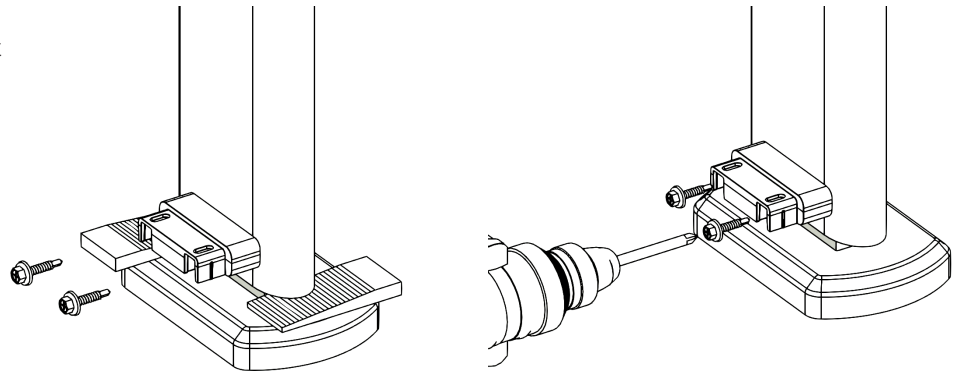
Step 13 Level Post Heights

Use stringline/laser to level posts across entire run. Use packing blocks to adjust post heights on the spigot prior to permanent fixing using the bottom rail bracket.



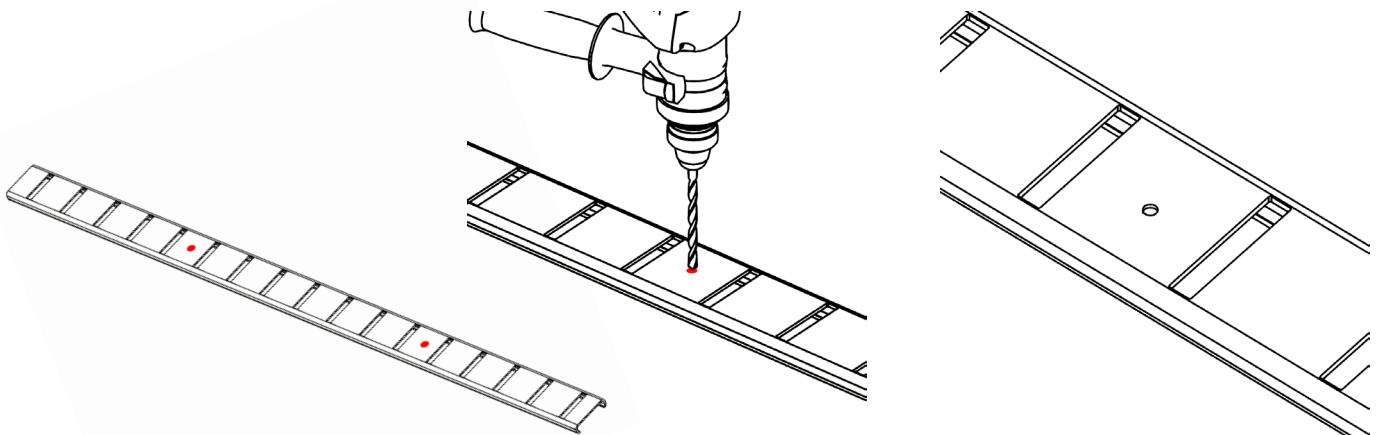
Step 14 Install Bottom Rail Bracket

Using the pre-drilled holes in the post, drill pilot holes into the spigot so that the bracket screws lock the spigot into position at the determined height. Install the brackets to the post and remove any packing blocks.



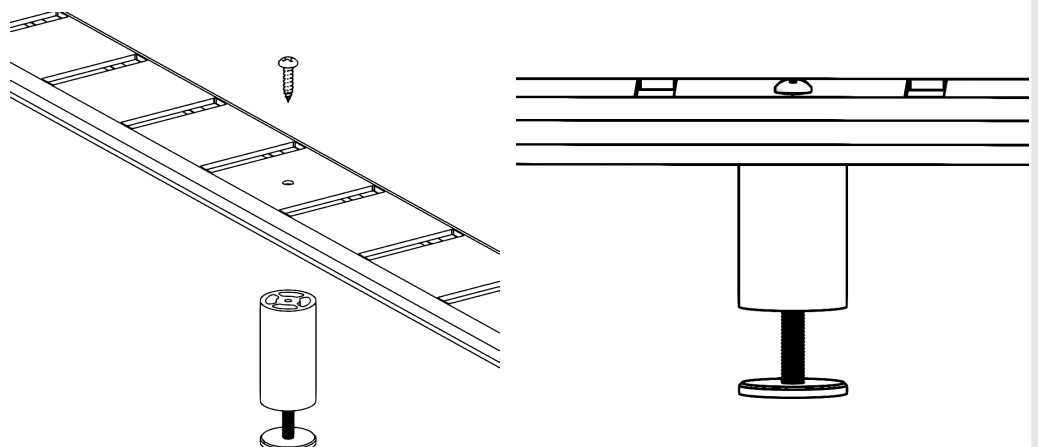
Step 15 Install Support Feet

Mark feet locations on bottom rails and drill holes (1m apart).



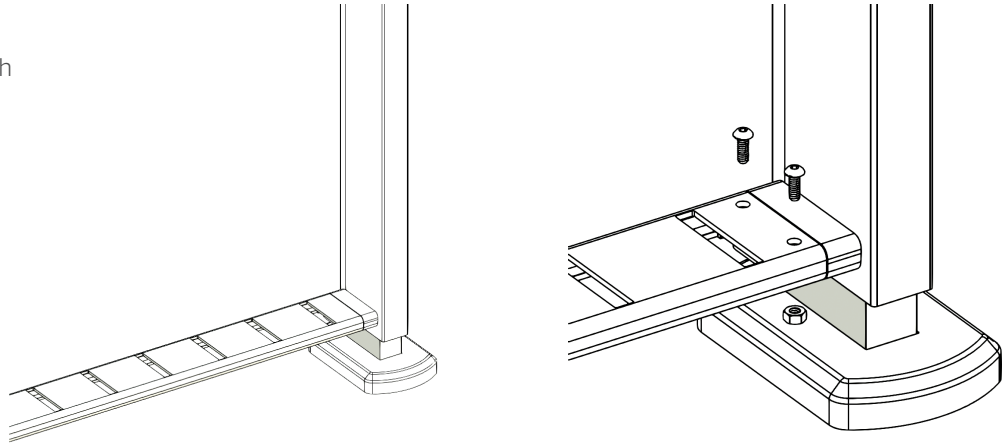
Step 16 Fit Adjustable Feet to Bottom Rails

Attach adjustable feet to drilled holes on bottom rail using bolts provided.



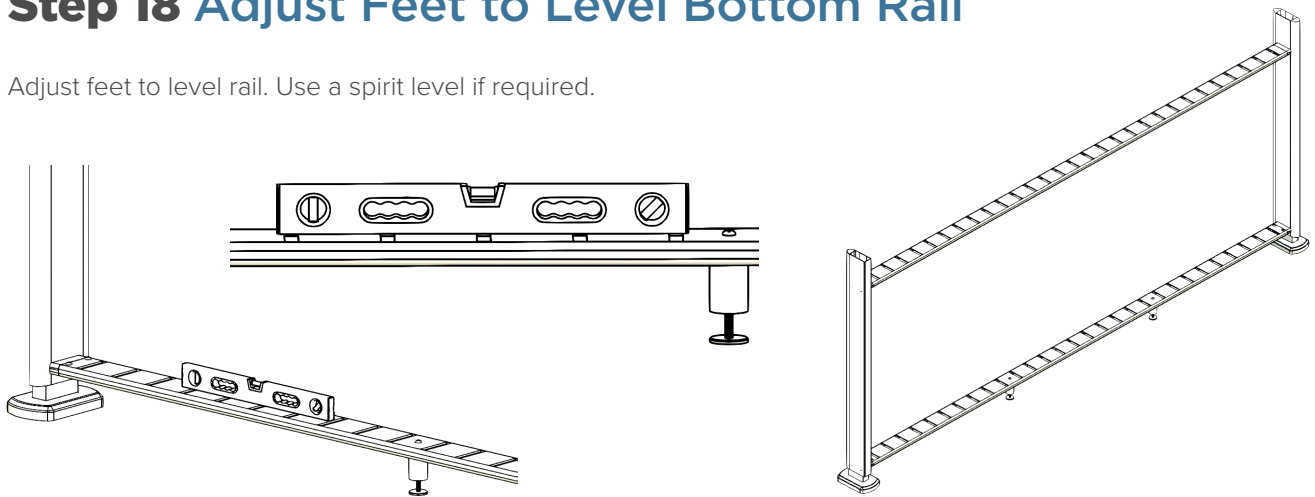
Step 17 Install Bottom Rail

Slide bottom rail over brackets and secure with bolts and lock nuts.



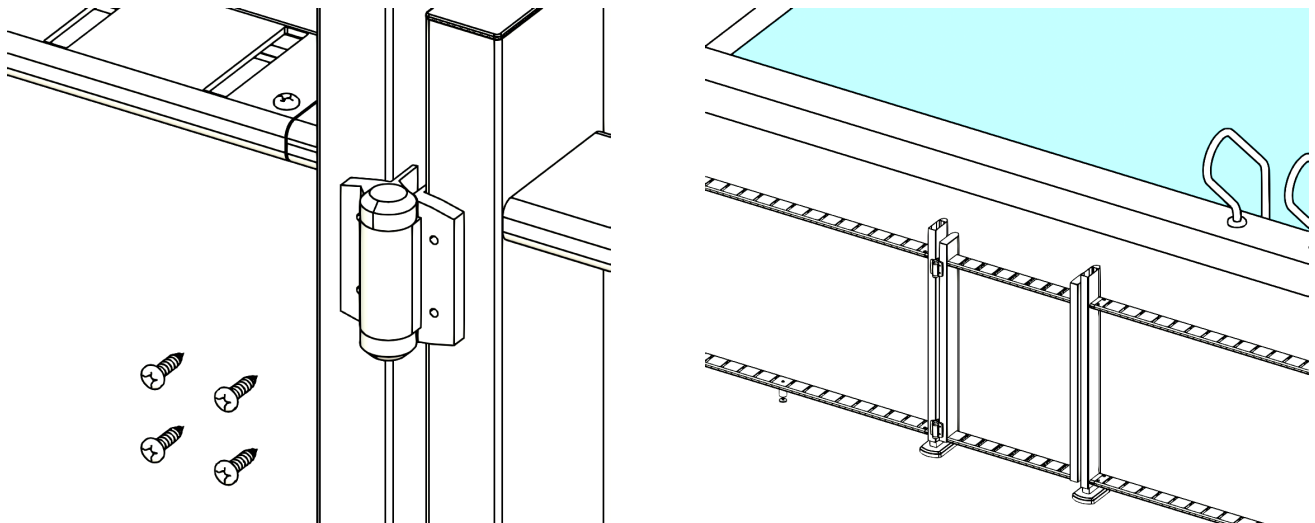
Step 18 Adjust Feet to Level Bottom Rail

Adjust feet to level rail. Use a spirit level if required.



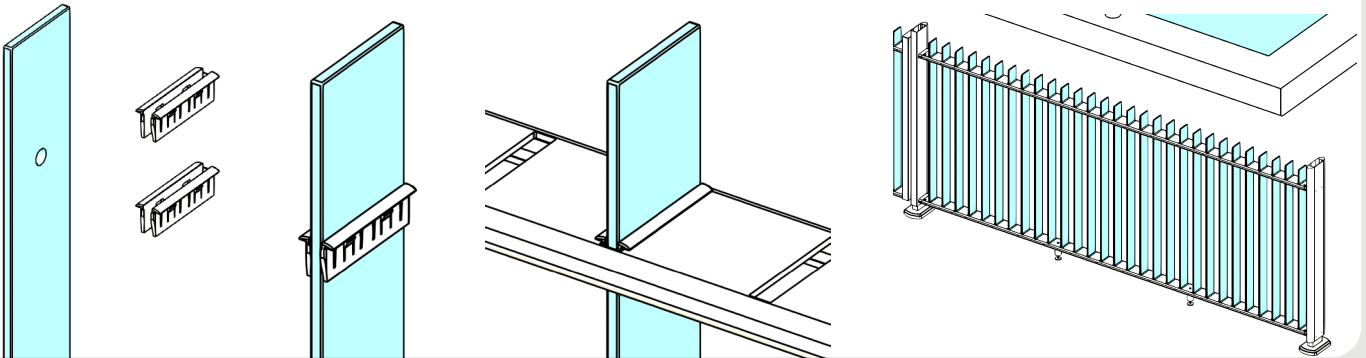
Step 19 Install Gates, Hinges, and Locks

Attach hinges to gate post, hang gate and install lock (1.5m latch height), as per manufacturers instructions.



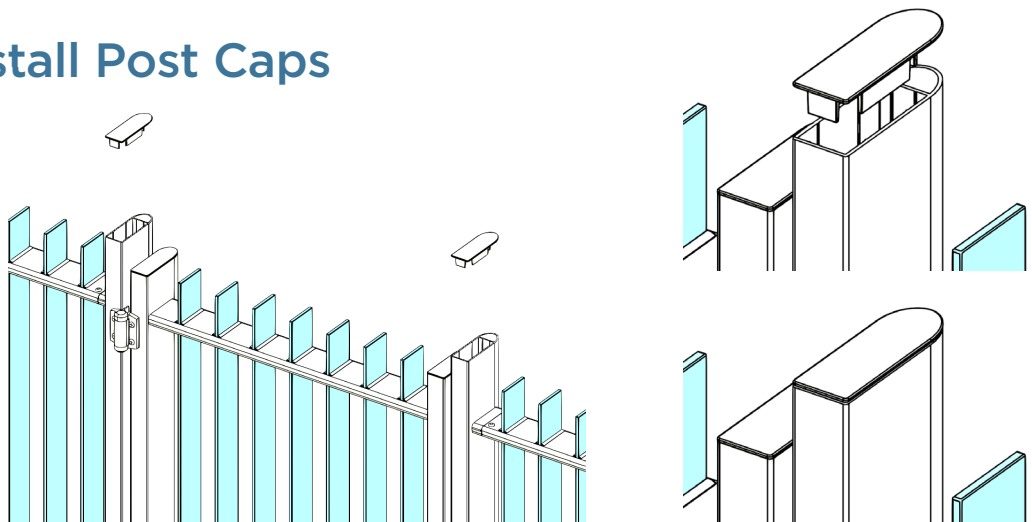
Step 20 Install Glass Clips and Glass Panels into Rails

Slide glass slat through top rail and gently rest on bottom rail. Locate both glass clips into glass slat first and then lower into position. Glass sleeves will lock into position and can't be pulled up once secured properly.



Step 21 Install Post Caps

Press caps onto post caps.



Step 22 Wipe Off Any Handprints

Clean glass panels with cloth and glass cleaner for a smudge-free finish.

