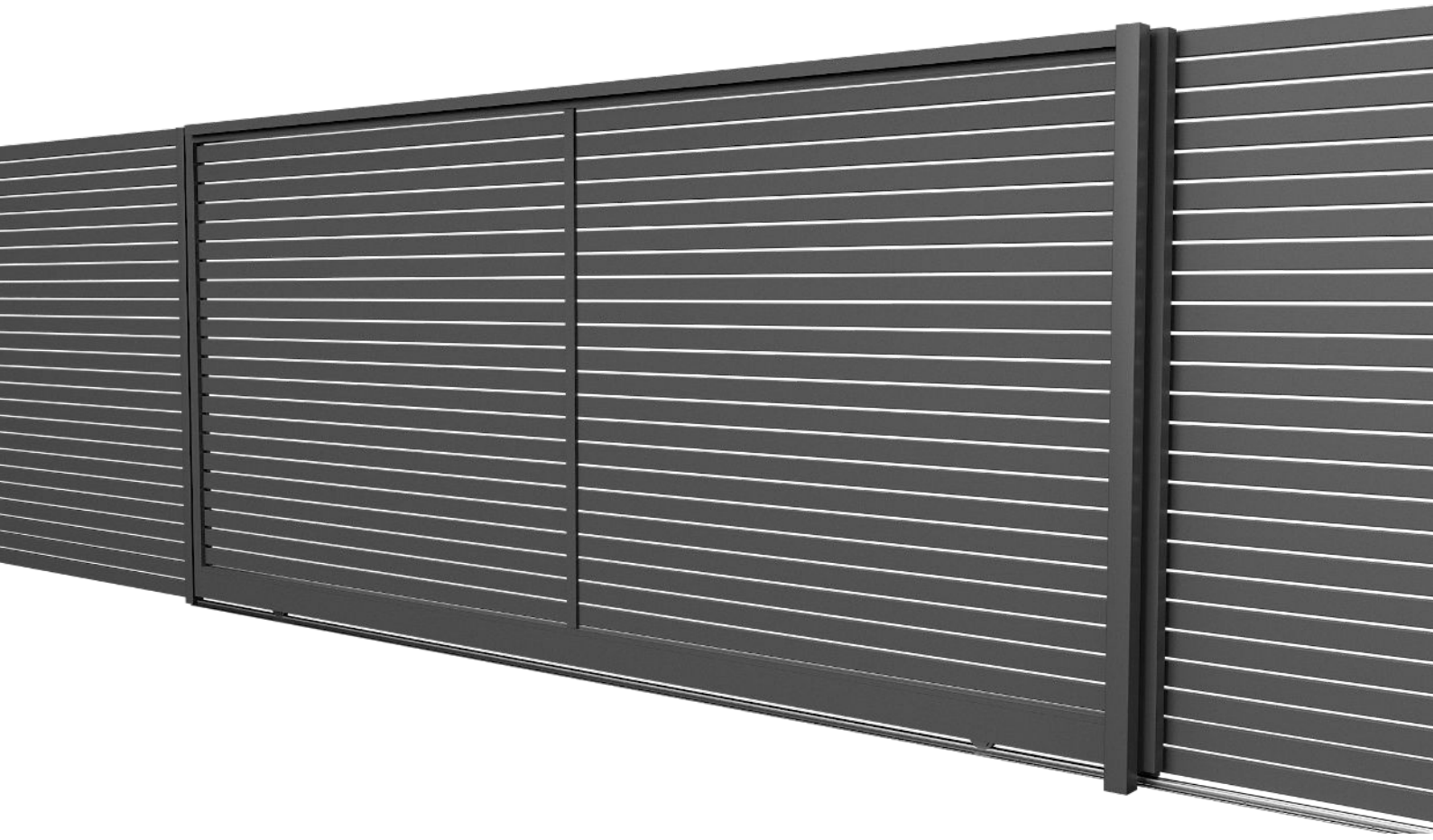
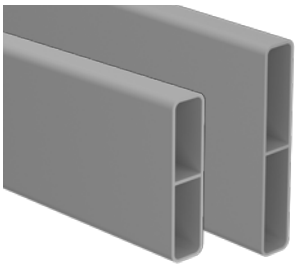
QUICKSCREEN SLIDING GATE
HORIZONTAL SLAT SCREENING SLIDING GATE

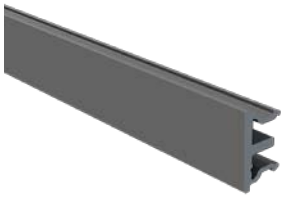
FABRICATION OVERVIEW



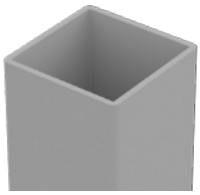


65mm Slat or
90mm Slat

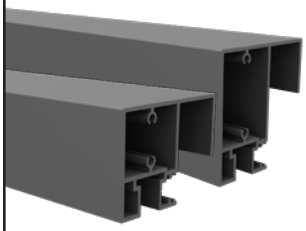
Gate Side Frame



Gate Screw
Cover



65x65 Steel Post



65mm or 90mm
Top Rail

Bottom Rail

Gate Infill

Gate Top Cap

Centre Support
Rail

Joiner Blocks and
Screws for 65mm or
90mm Top/Bottom Rails

Panhead Screws

Slat Spacers

Self-drilling
Wafer Screws

Centre Support
Rail Plate
includes 2 x 38mm countersunk screws

Slide Guide

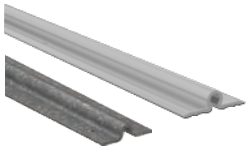
OR

Roller Guides
(Left and Right - fixings not included)

Gate Wheel

Wheel Clamping Set

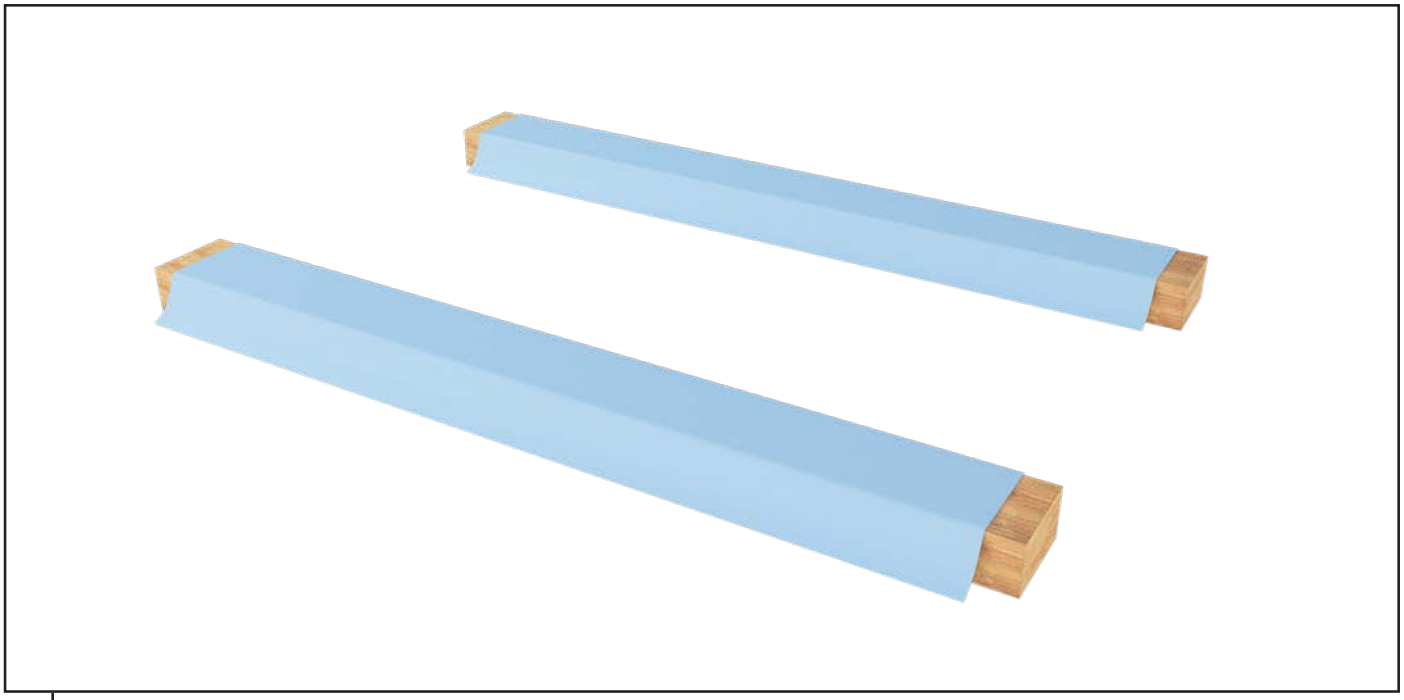
Track Pins



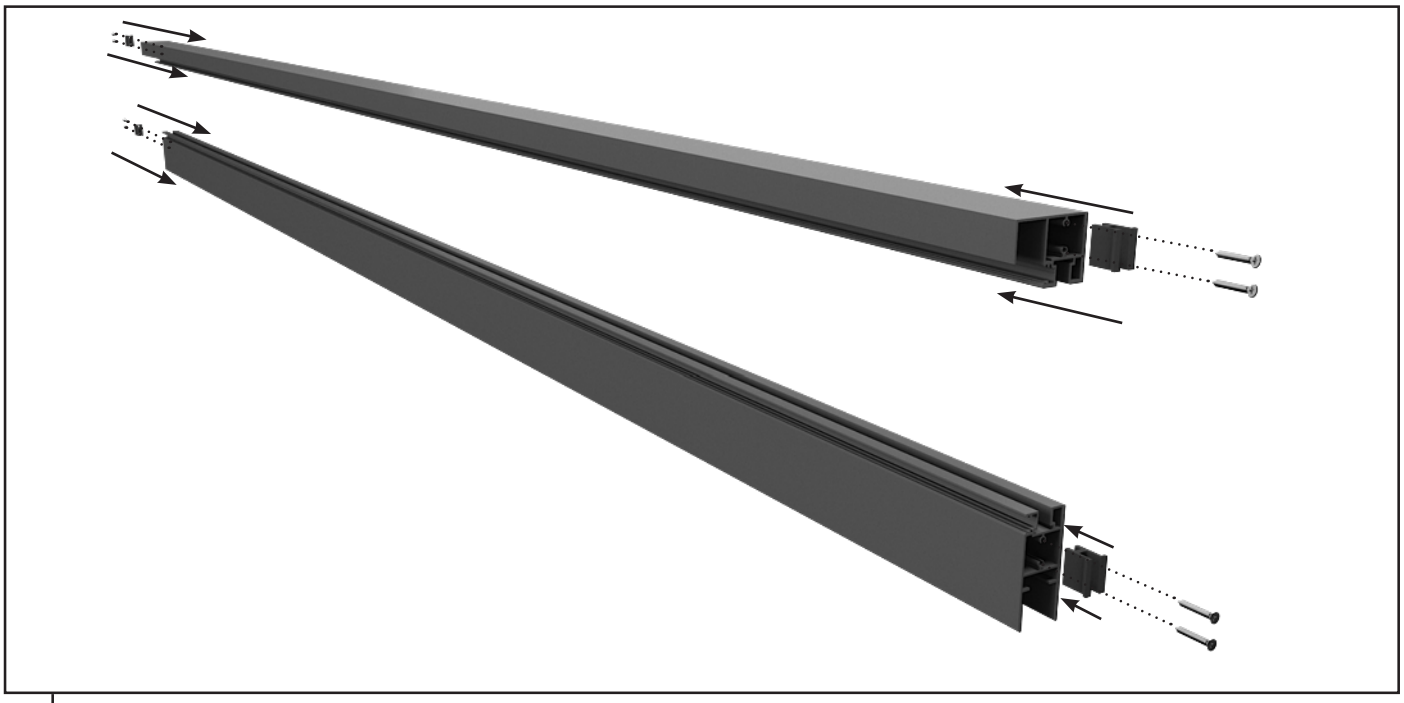
Sliding Gate Track
Steel or Aluminium

U Catch or F Catch
Fixings not included

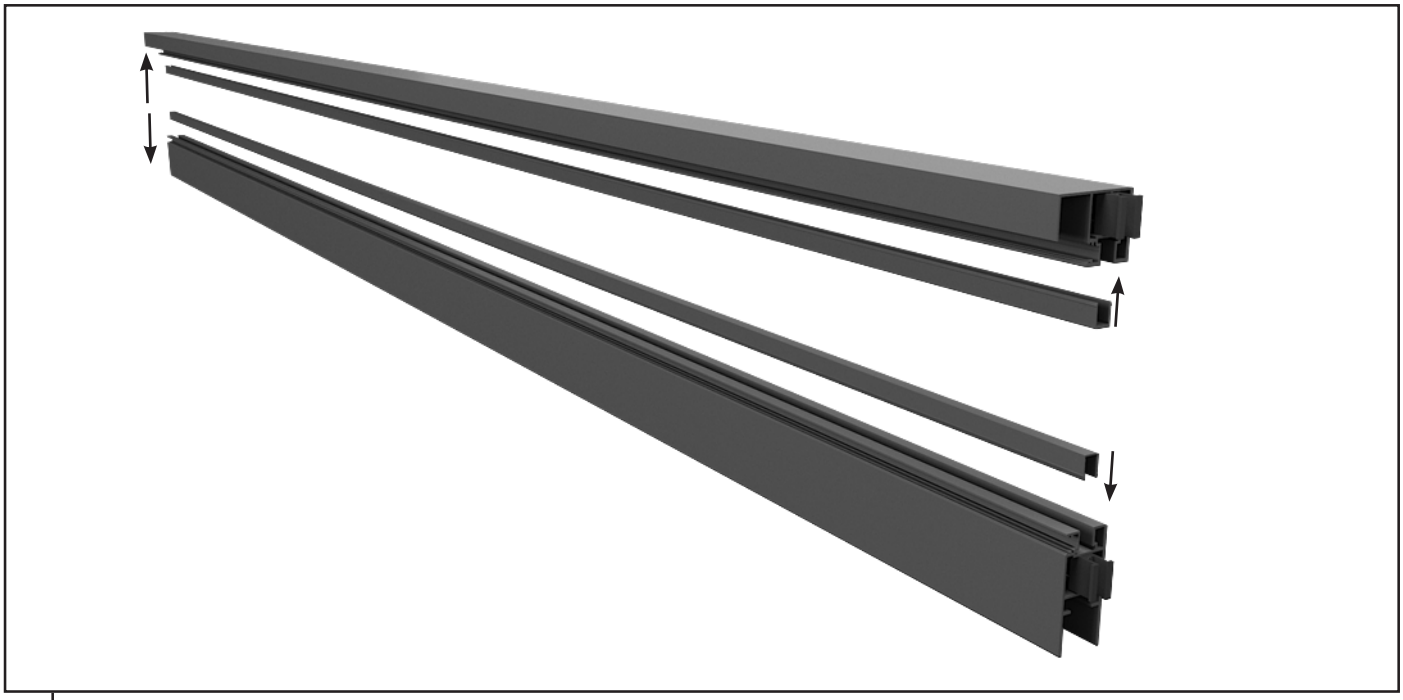
Gate Stop
Fixings not included



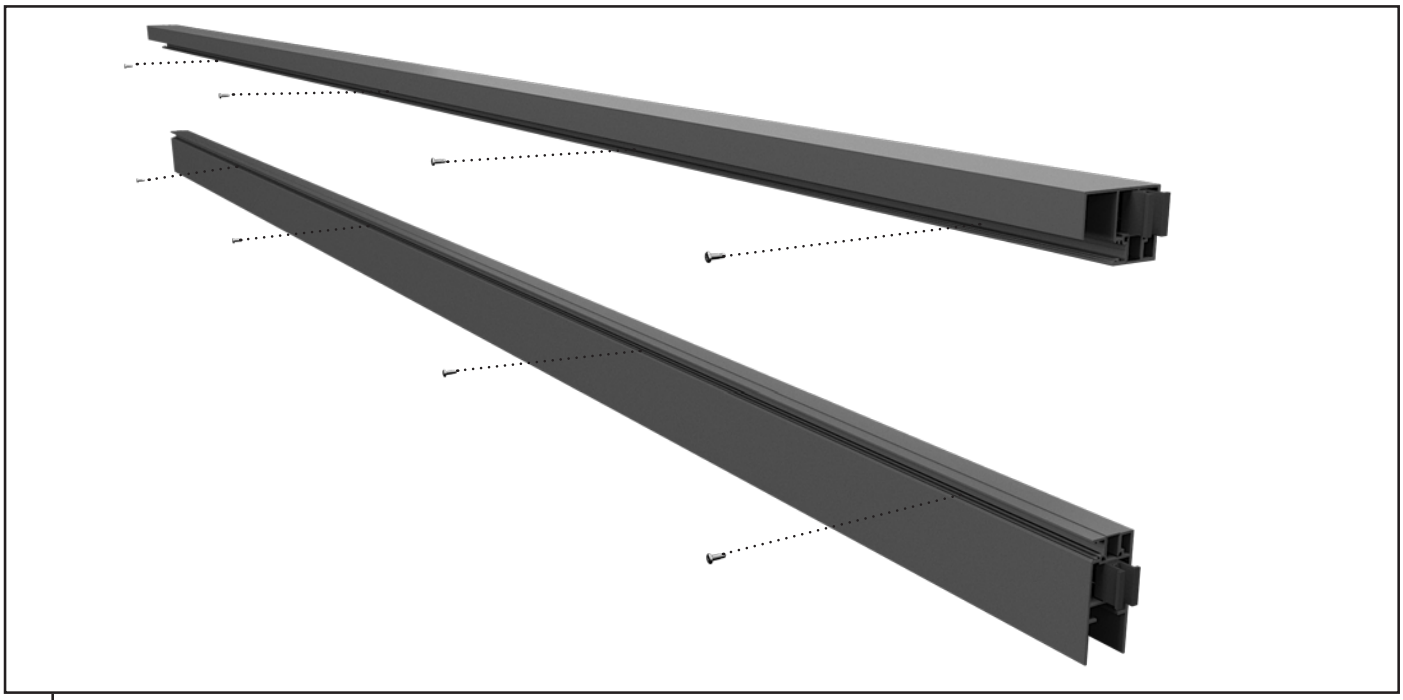
1 Set up the gate fabrication area on a flat, protected surface or padded bearers



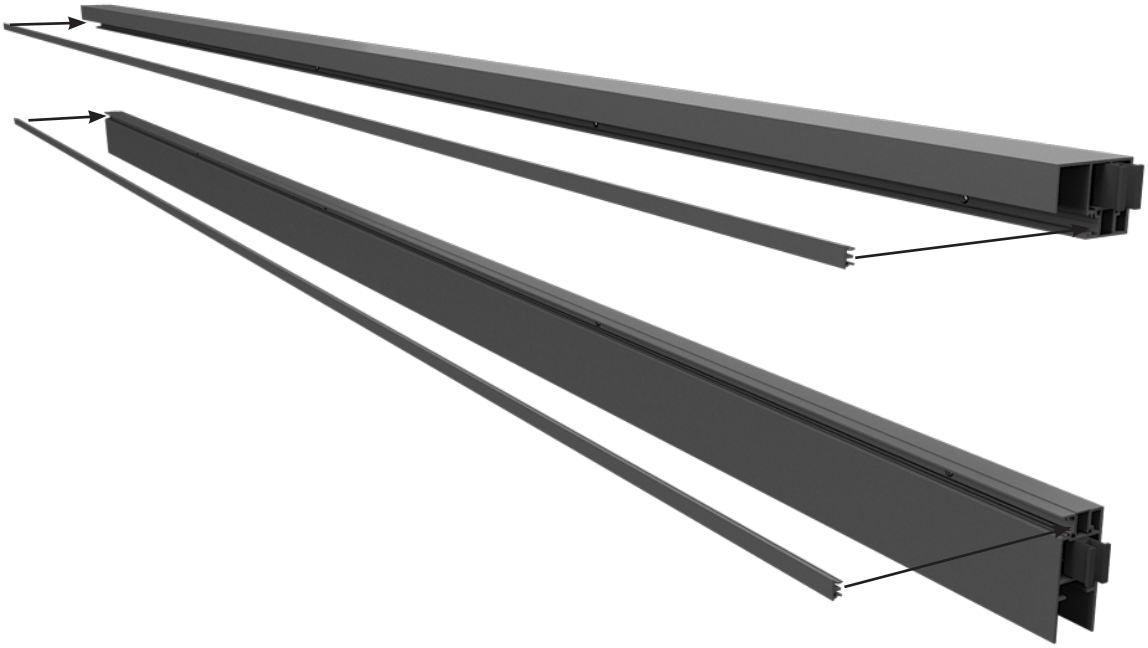
2 Attach the Joiner Blocks to both ends of the Top and Bottom Rails with two screws per Joiner block using a Phillips head #3 driver bit on a low-torque/low-speed cordless drill setting.



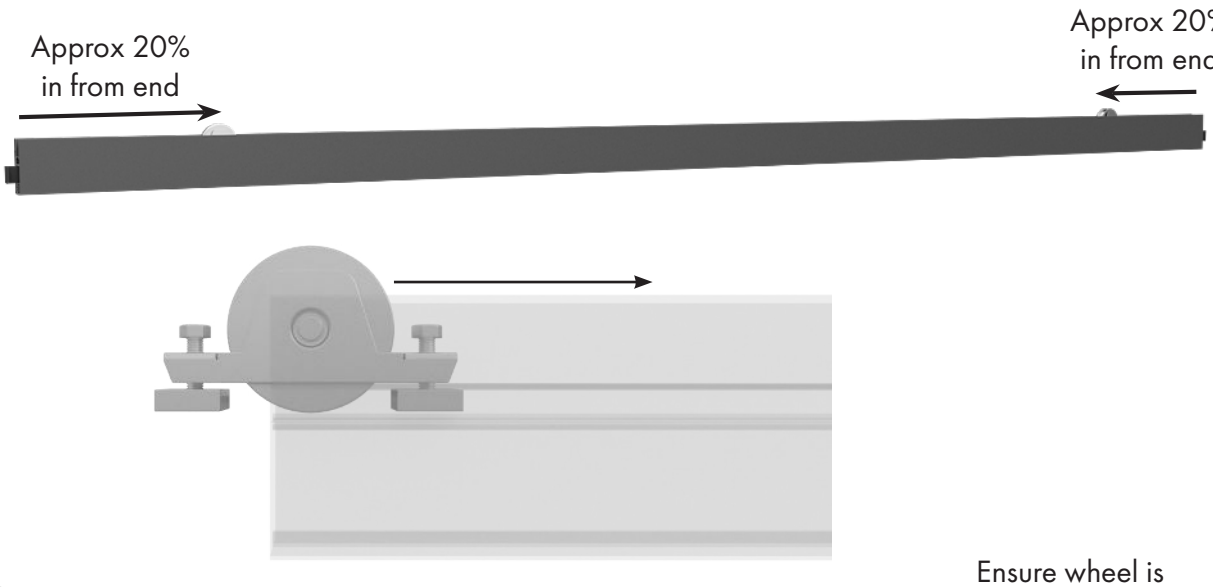
3 Insert Gate Infills to the Top and Bottom Rails. Depending on the width of the gate, 2 x Infills may be used and join in the middle.

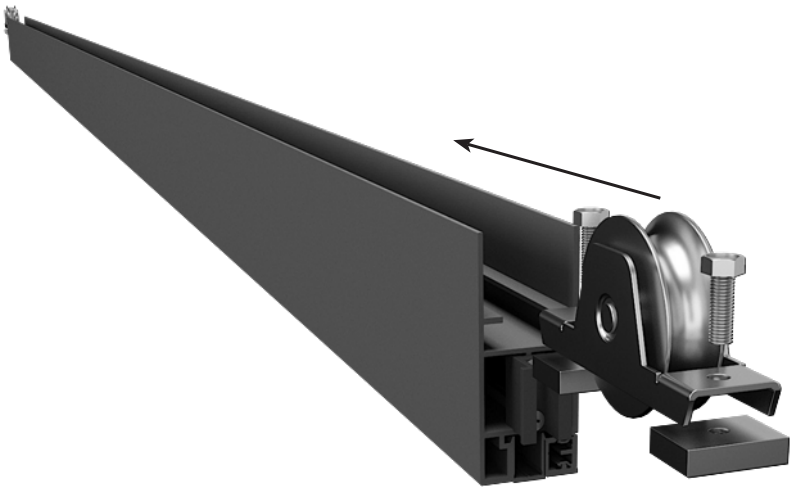


4 Secure with two self-drilling wafer screws per Gate Infill within the screw channel.

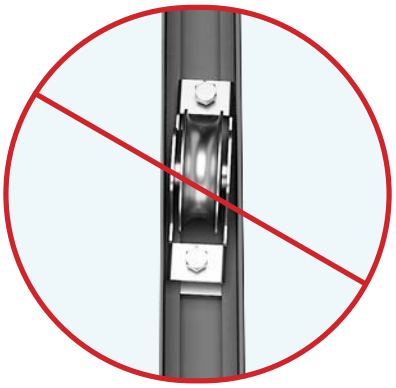


5 Snap on Gate Covers to conceal screws. Depending on the width of the gate, 2 x Covers may be used and meet in the middle.

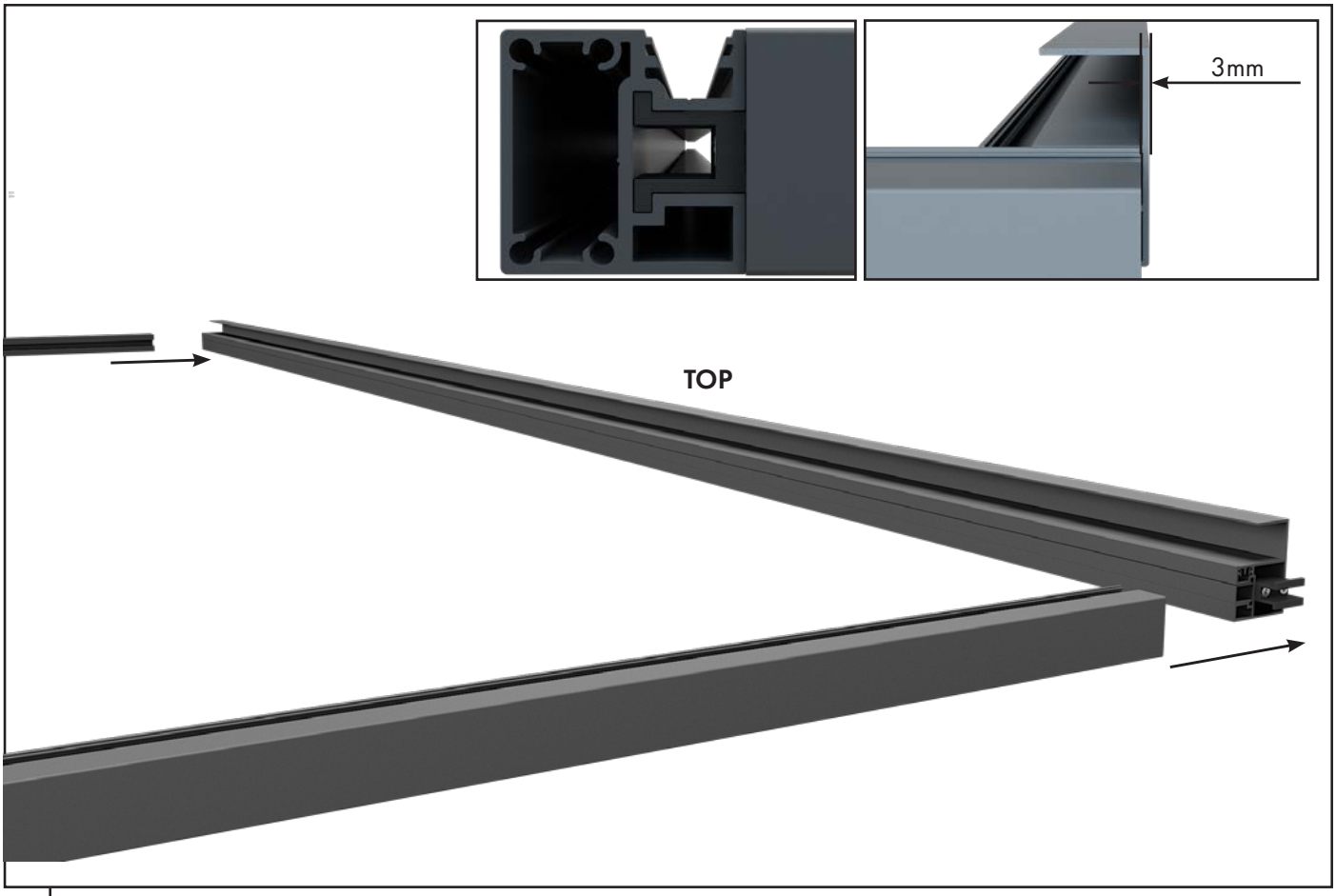




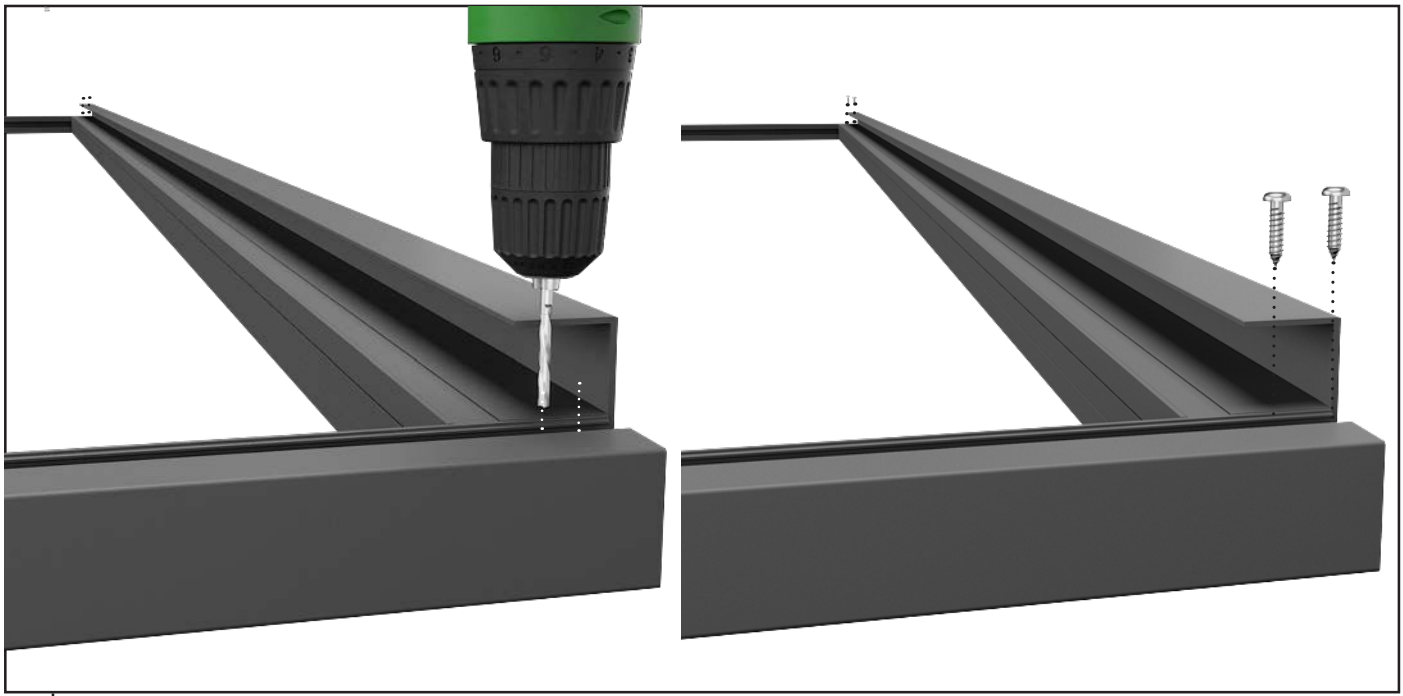
Ensure wheel is inserted straight when tightening to rail



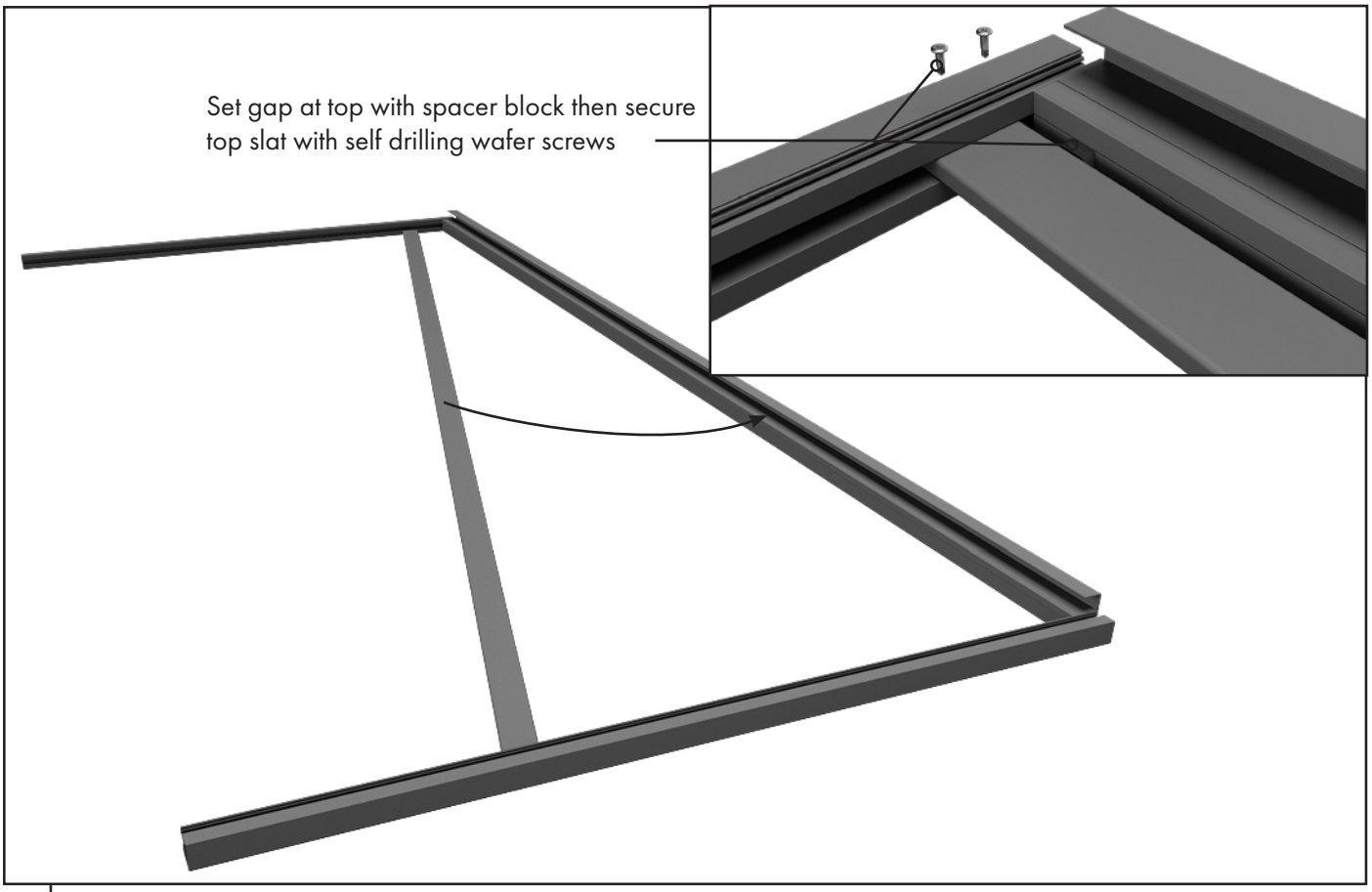
6 Loosely attach wheel clamping sets to both wheels. Then place bottom rail upside down on timber bearers and slide both wheels into position (approx 20% from each end of bottom rail), then tighten bolts.



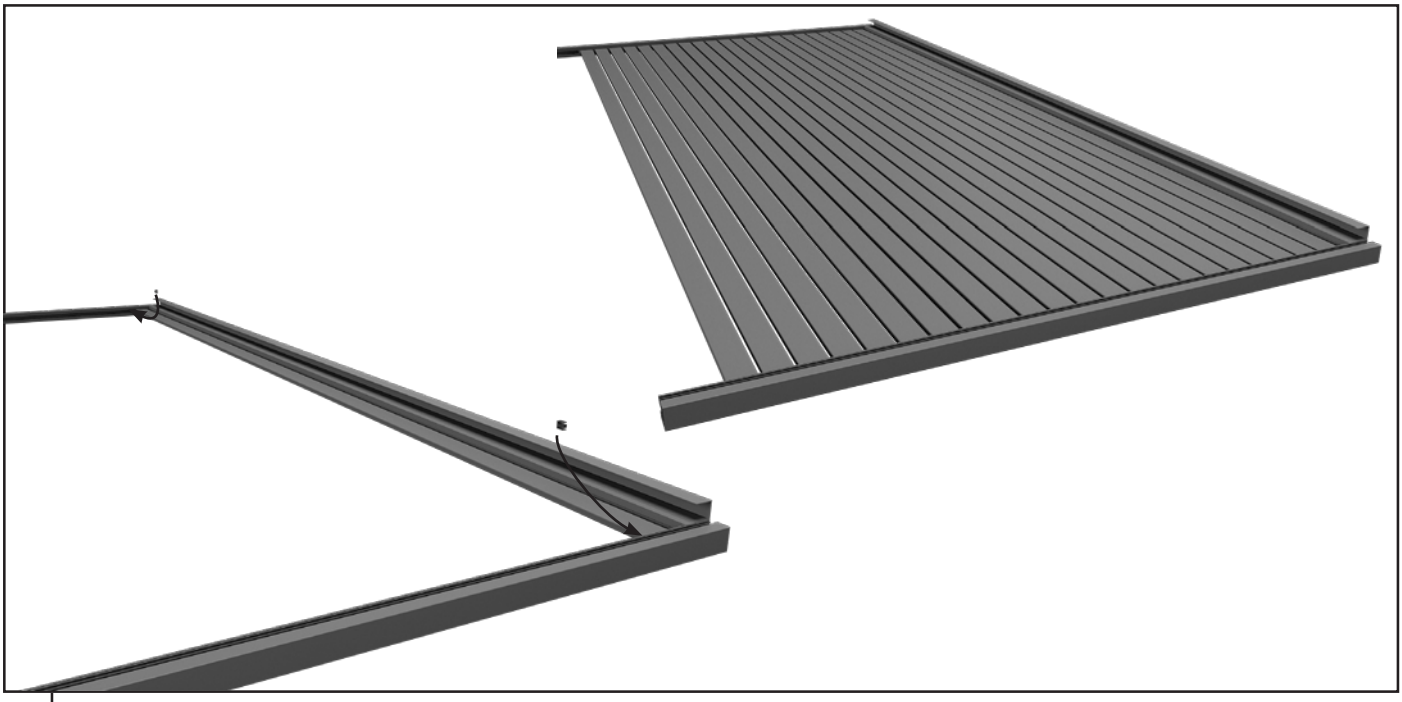
7 Slide Gate Side Frames (left and right) onto the Top Rail, leaving a 3mm gap at the top for top caps.



8 Pre-drill two 5mm holes through the Gate Side Frame screw channel and Joiner Blocks on both sides. Affix two 12G x 25mm long panhead screws per Joiner Block.

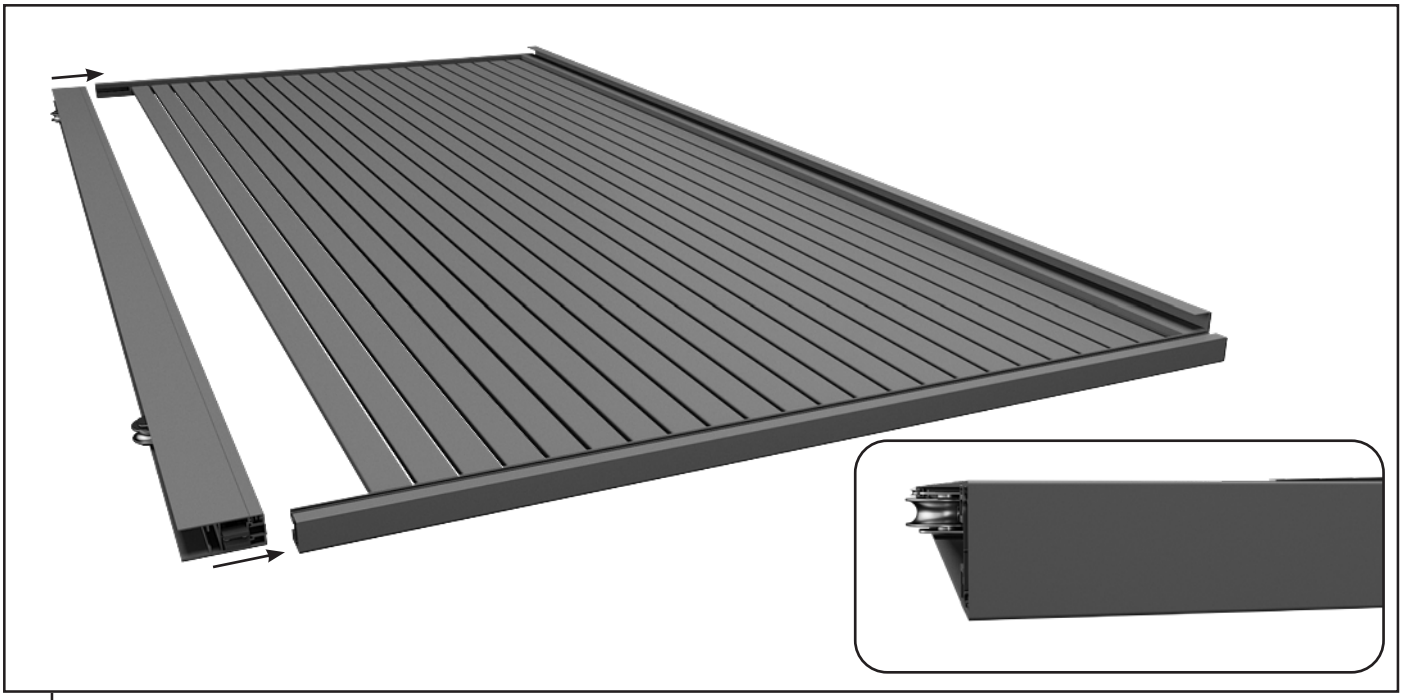


9 Install the first top slat. Use two spacers temporarily to set the first top gap between the top rail and top slat. Secure the top slat with two self-drilling wafer screws on each side and remove the two temporary spacers.



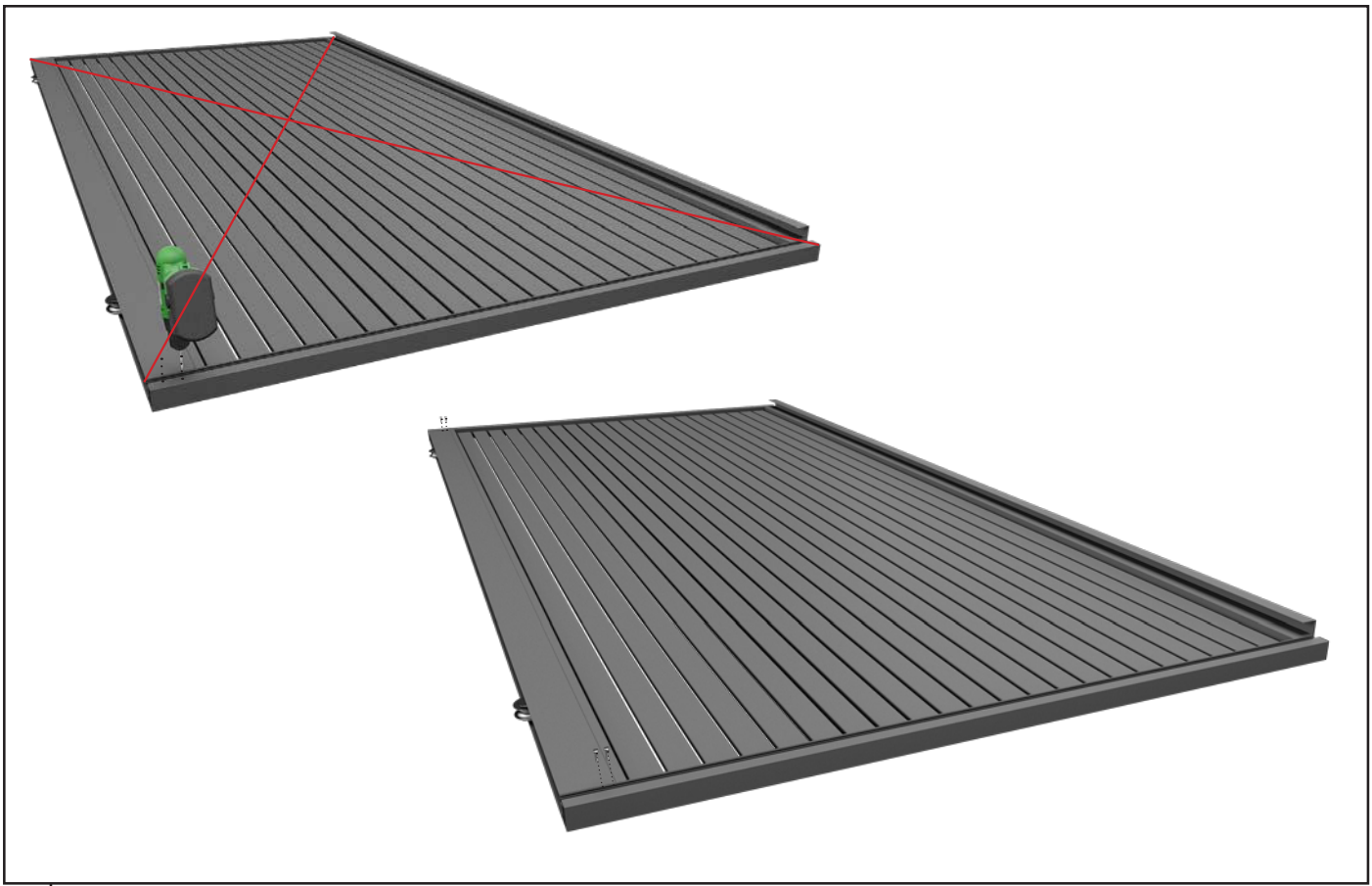
10 Snap Spacer Blocks into position under the top slat. Position all remaining slats and spacers working from top to bottom of gate.

NOTE: Do not screw fix slats to gate frames at this stage.

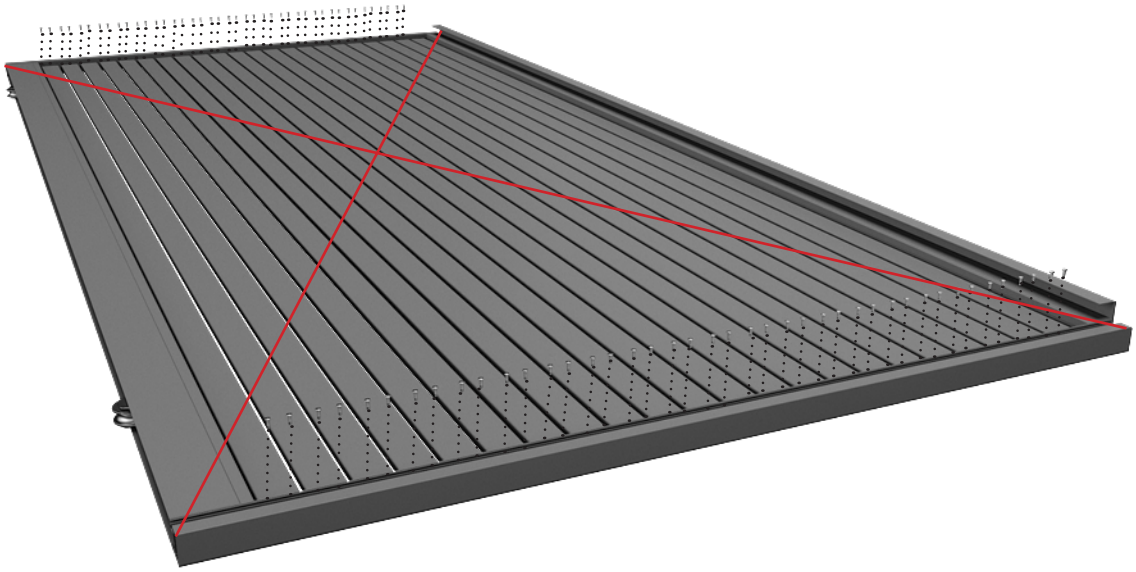


11 Slide the Bottom Rail onto the Gate Side Frames, ensuring the Bottom Rail aligns with the bottom of the Gate Side Frames.

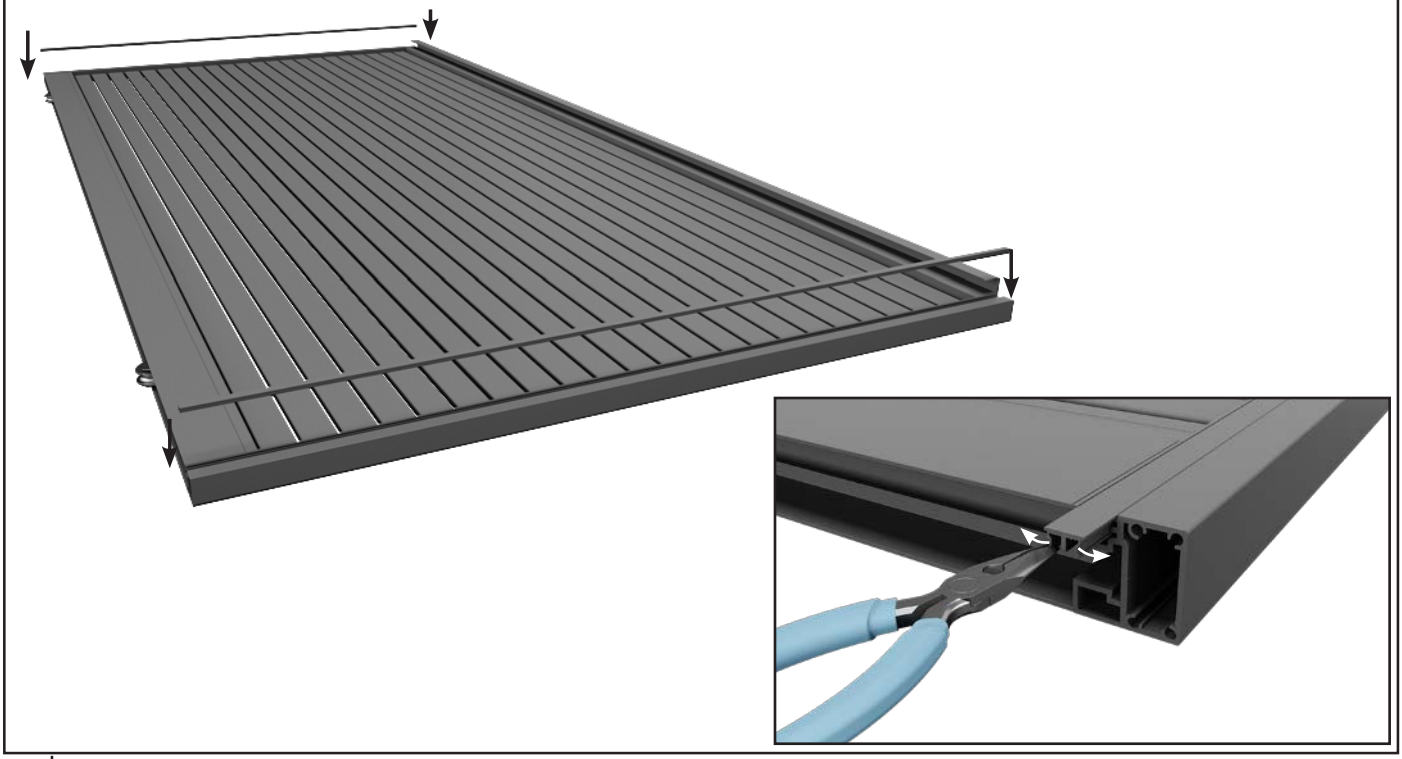
NOTE: For Nil spaced slat gates, manufacturer's extrusion tolerances can cause the slat infill to expand. If so, remove and discard the Gate Infill from the Bottom Rail to allow the bottom slat to insert into the Bottom Rail channel.



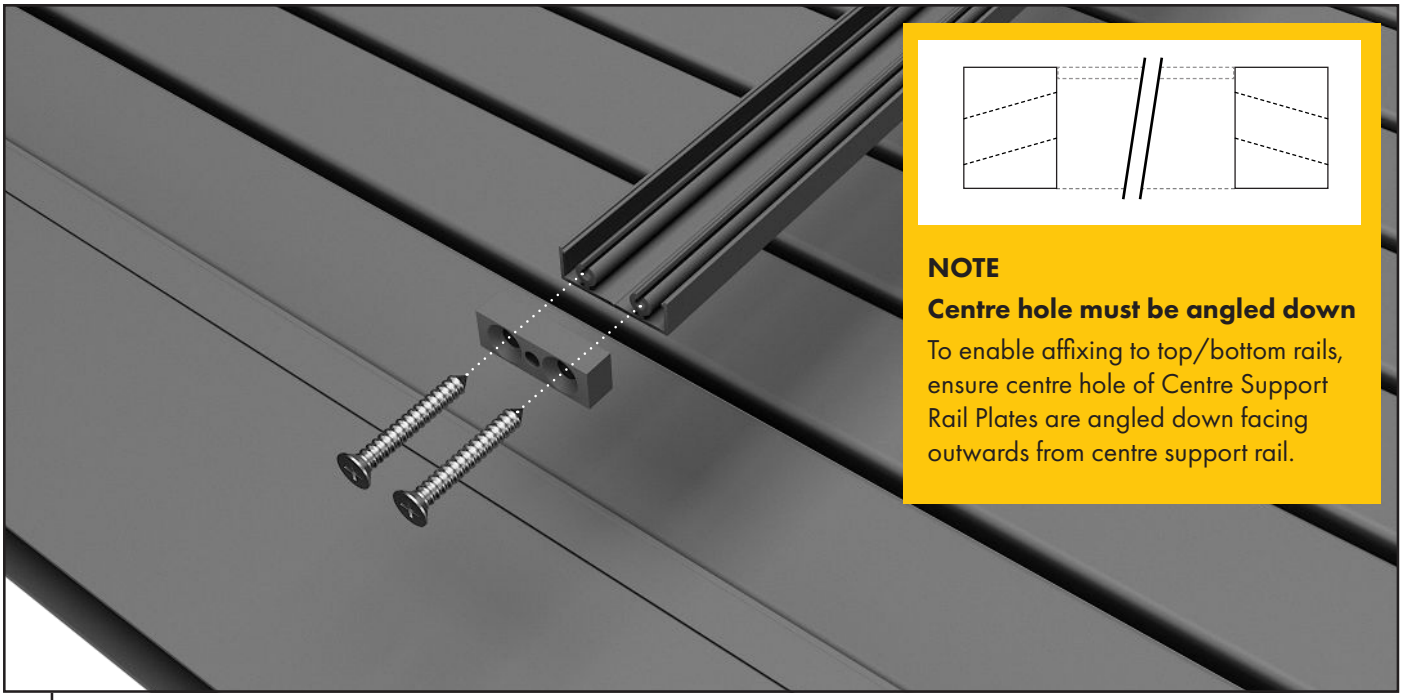
12 Ensure the gate is square. Pre-drill two 5mm holes through the Gate Side Frame screw channel and Joiner Blocks on both sides. Affix two 12G x 25mm long panhead screws per Joiner Block.



13 Ensuring the gate is square, affix each slat with two self-drilling wafer screws on each side.



14 Insert the two Gate Screw Covers to the Gate Side Frames.
Once inserted, bend the Screw Cover legs as required to achieve a tight insert.

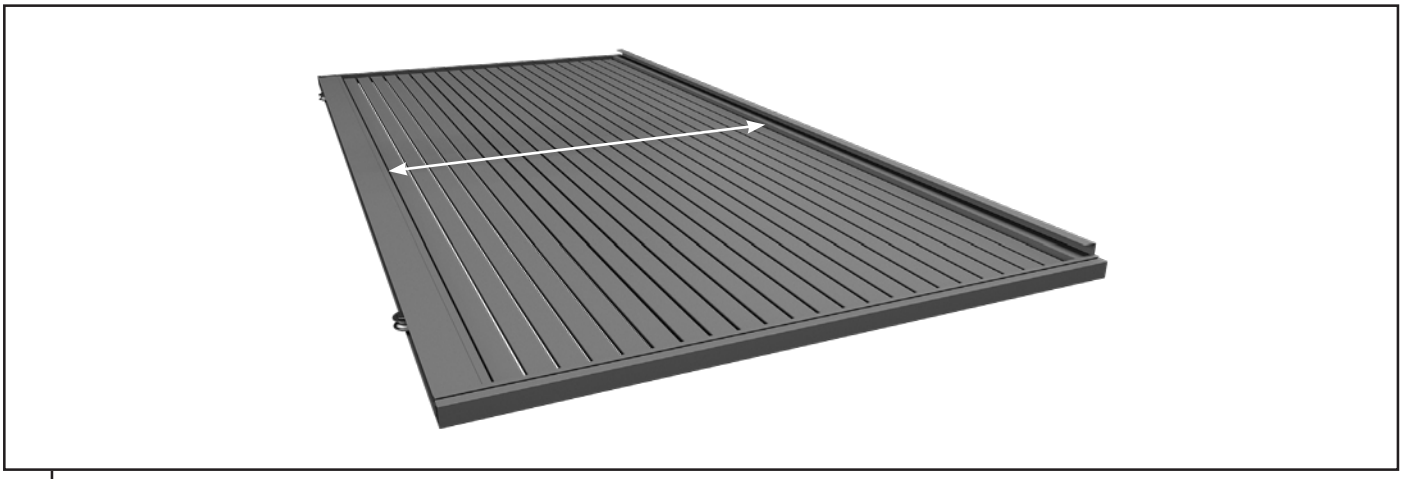


NOTE

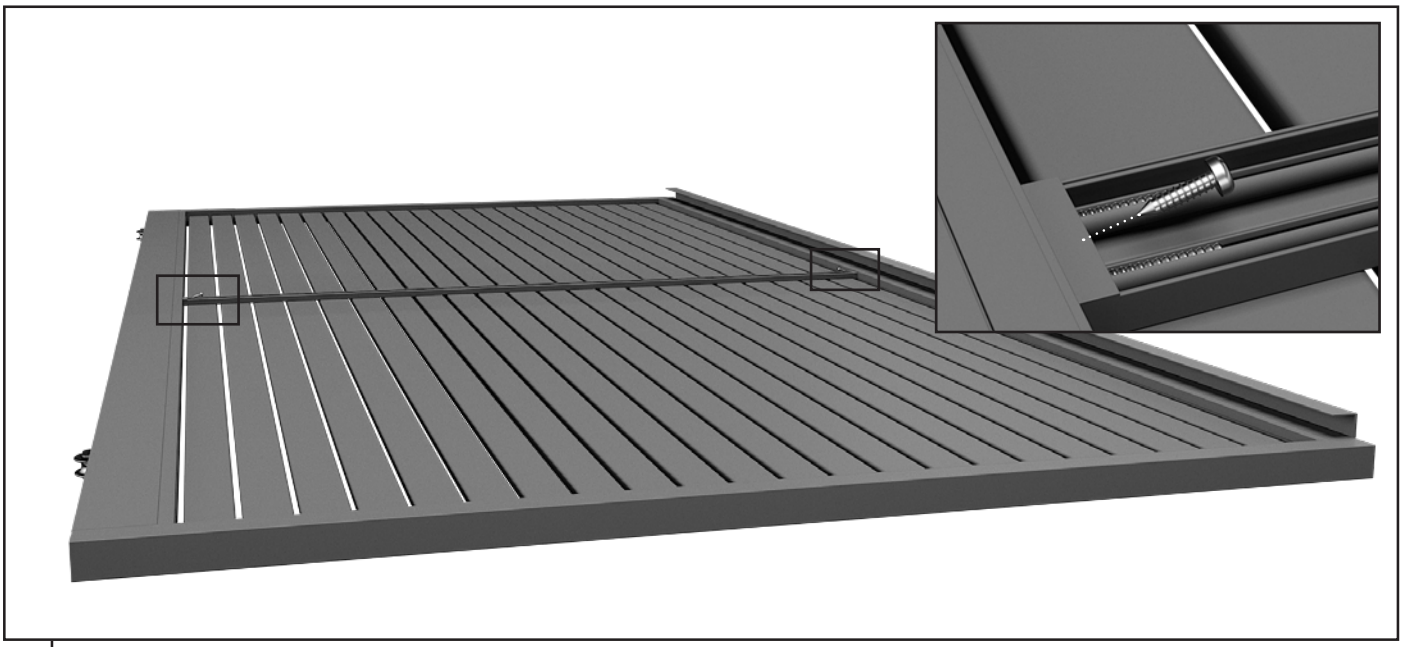
Centre hole must be angled down

To enable affixing to top/bottom rails, ensure centre hole of Centre Support Rail Plates are angled down facing outwards from centre support rail.

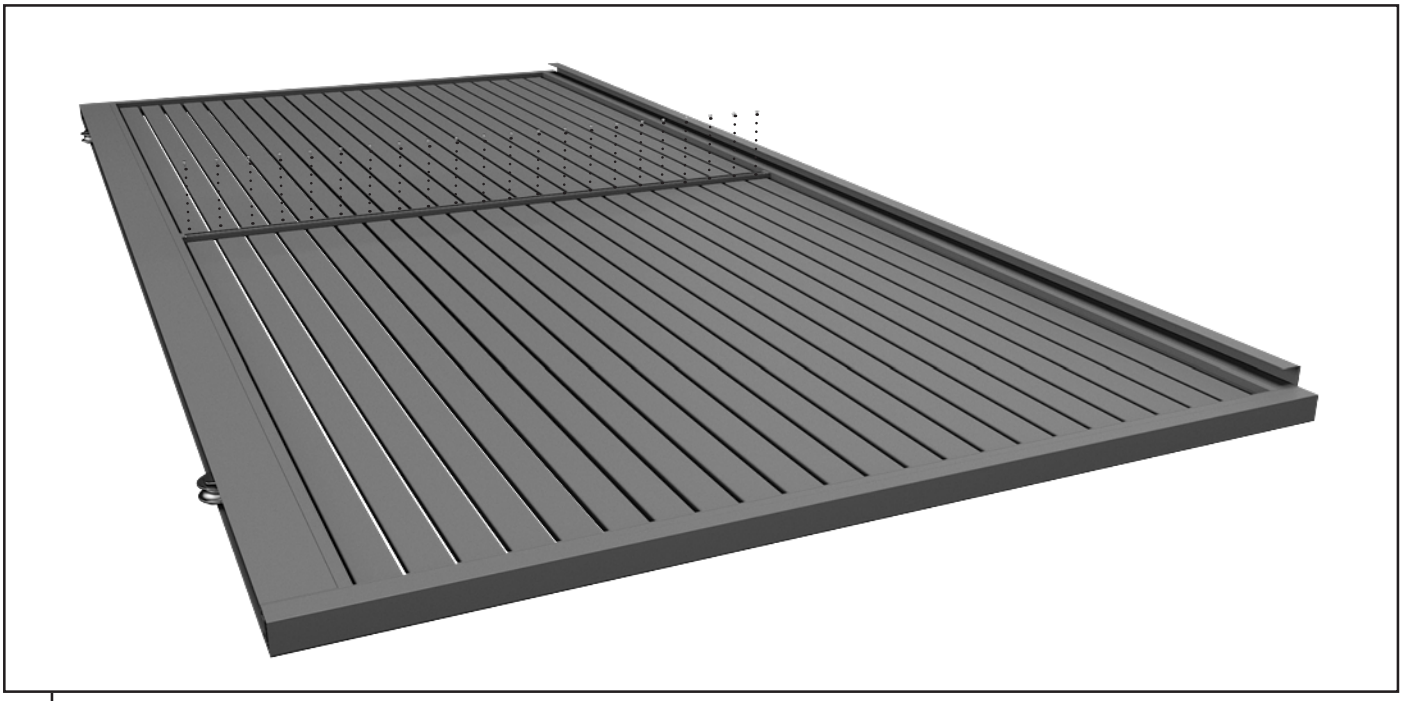
15 Attach centre support rail plates to each end of the centre support rail using screws provided.



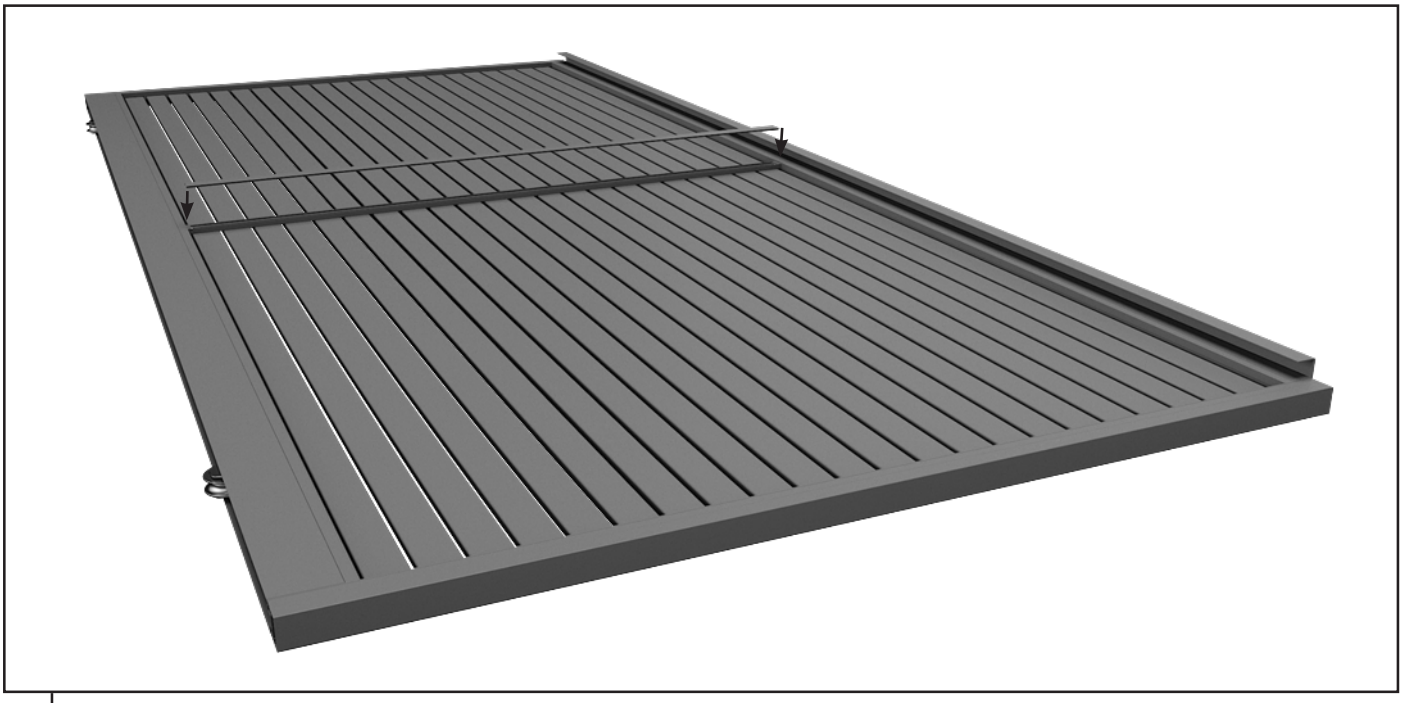
16 Measure to desired position of centre support rail and mark with masking tape. The centre support rail is typically positioned on the inside of the gate.



17 Pre-drill 4.5mm holes in top rail and bottom rail through centre hole of the centre support rail plate, then affix using centre rail plate screws.

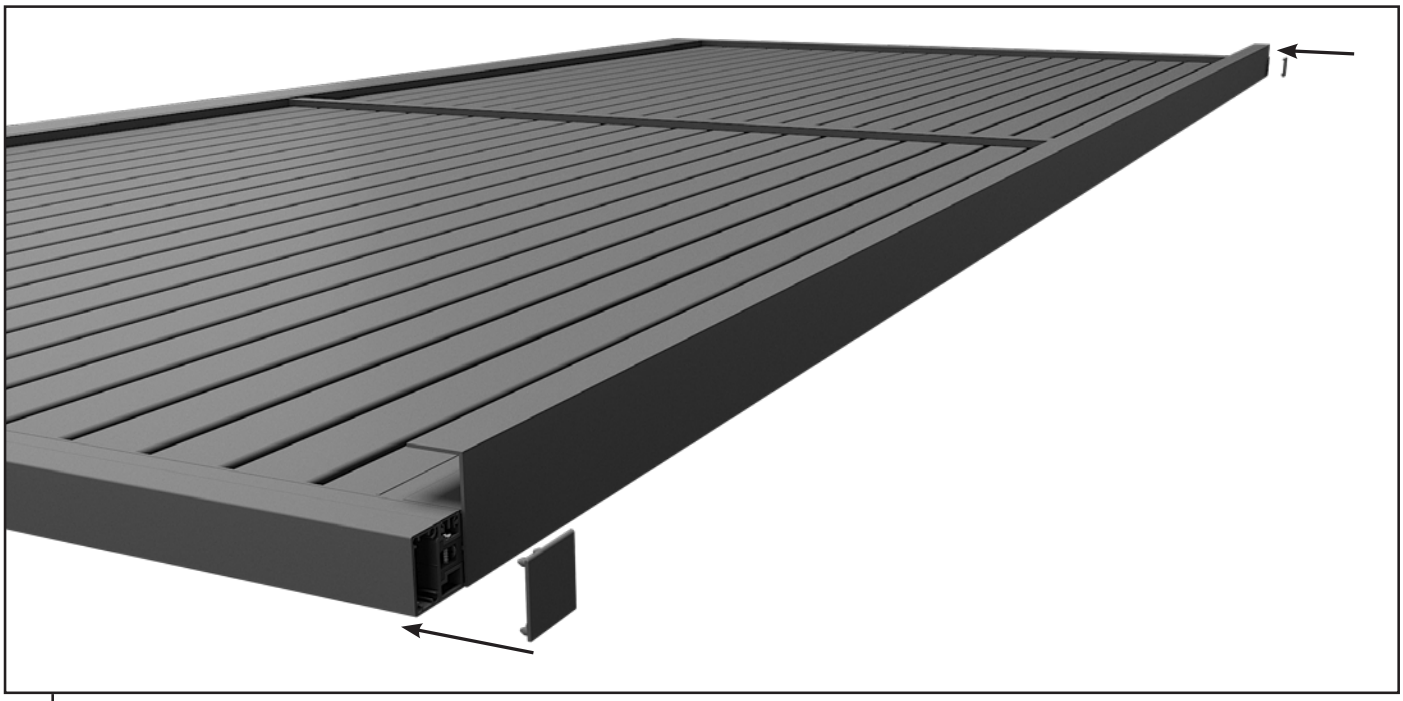


18 Ensure padded timber support is directly under centre support rail, then screw off each slat through centre support rail using the wafer screws supplied in kit.



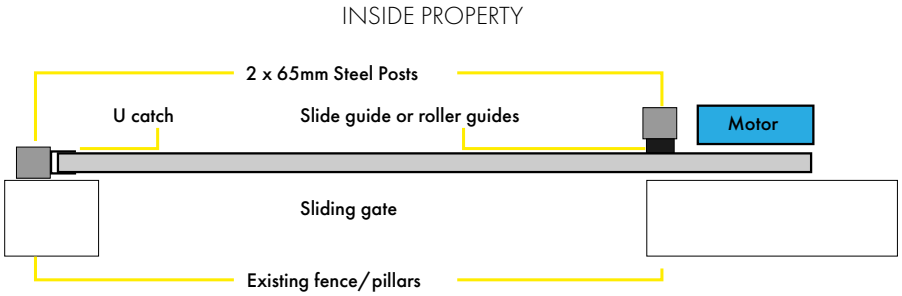
19 Align the centre support rail cover and snap into position.

NOTE: Do not use rubber mallet to affix cover, this may cause damage to the gate.

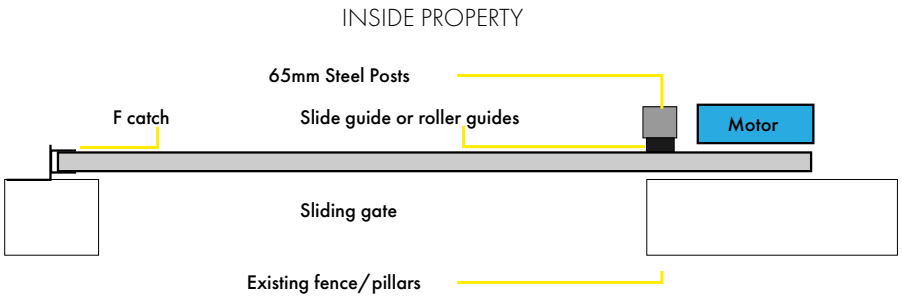


20 Using a rubber mallet, insert the two Top Caps.

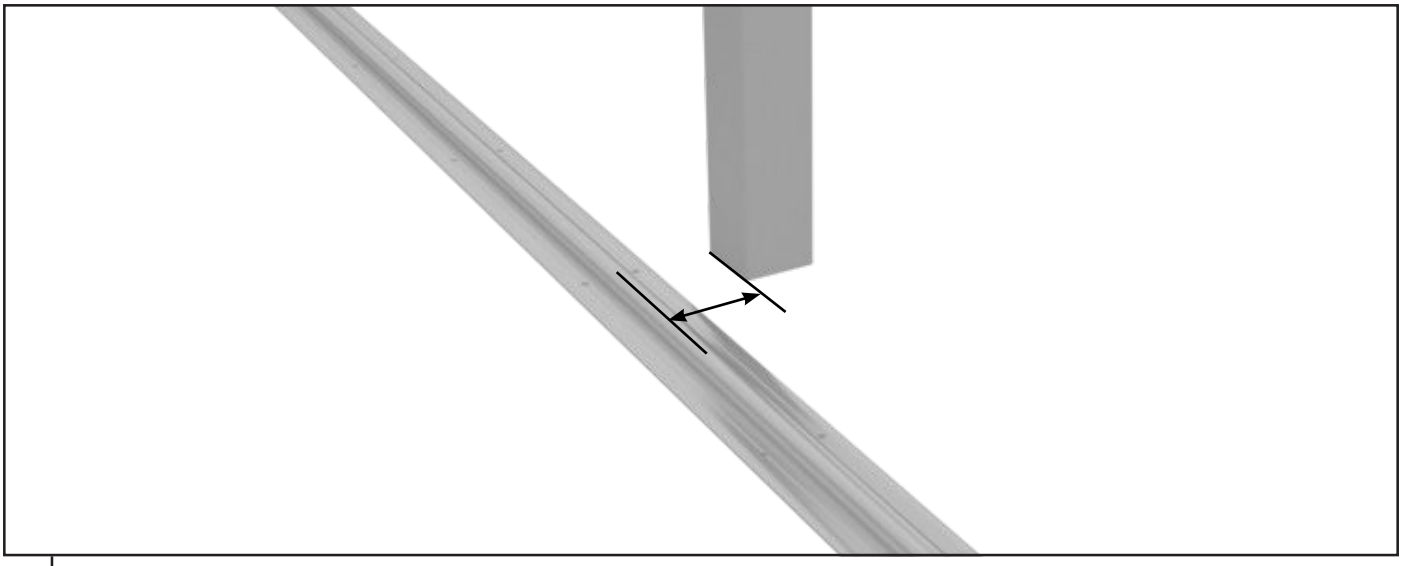
U Catch Installation



F Catch Installation



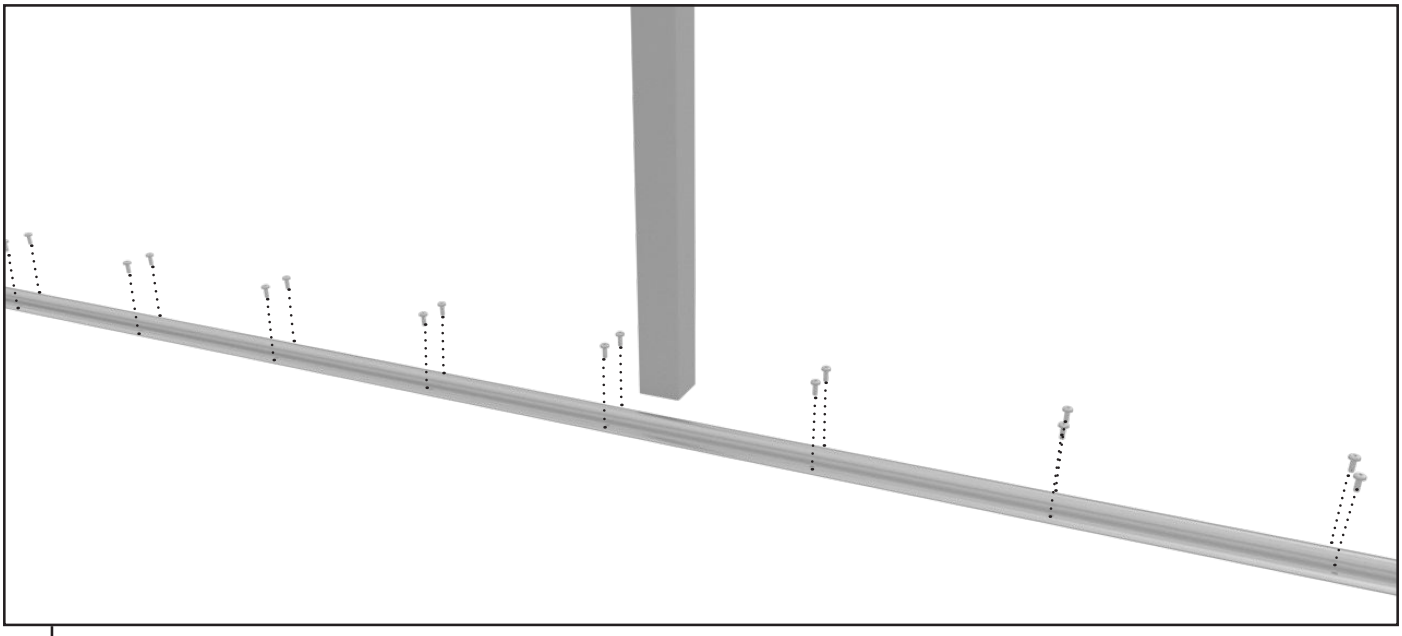
21 Choose from U catch or F catch and install steel posts as required with slide guide or roller guides and gate catch.



22 If using the slide guide, measurement from inside edge of steel post to centre of track is 105mm. If using roller guides, 2 installation options possible:

Refer to step 26a: measurement from inside edge of steel post to centre of track is 105mm

Refer to step 26b: measurement from inside edge of steel post to centre of track can be from 100mm to 105mm



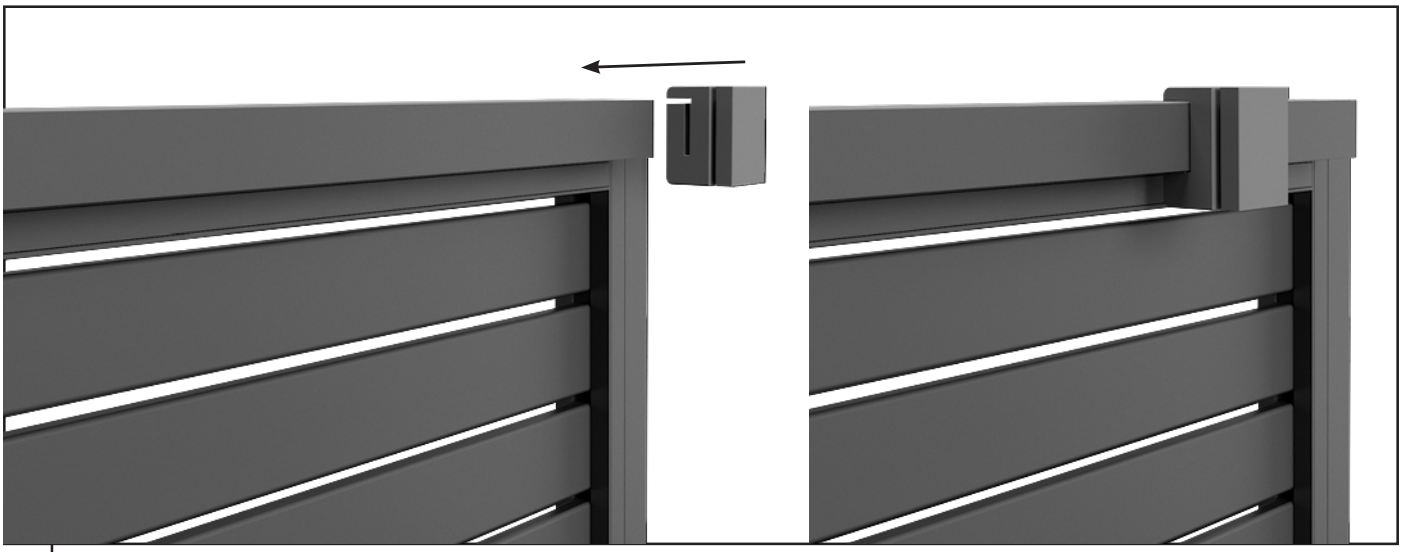
23 TRACK INSTALLATION.

STEEL TRACK - Using a 6.5mm masonry bit, drill 45mm deep holes in concrete at each pre-drilled slot in track.

ALUMINIUM TRACK - Pre-drill holes in track at 300mm intervals on each side of the raised roller guide using the die line as guide. Using a 6.5mm masonry bit, drill 45mm deep holes in concrete at each pre-drilled hole in track.

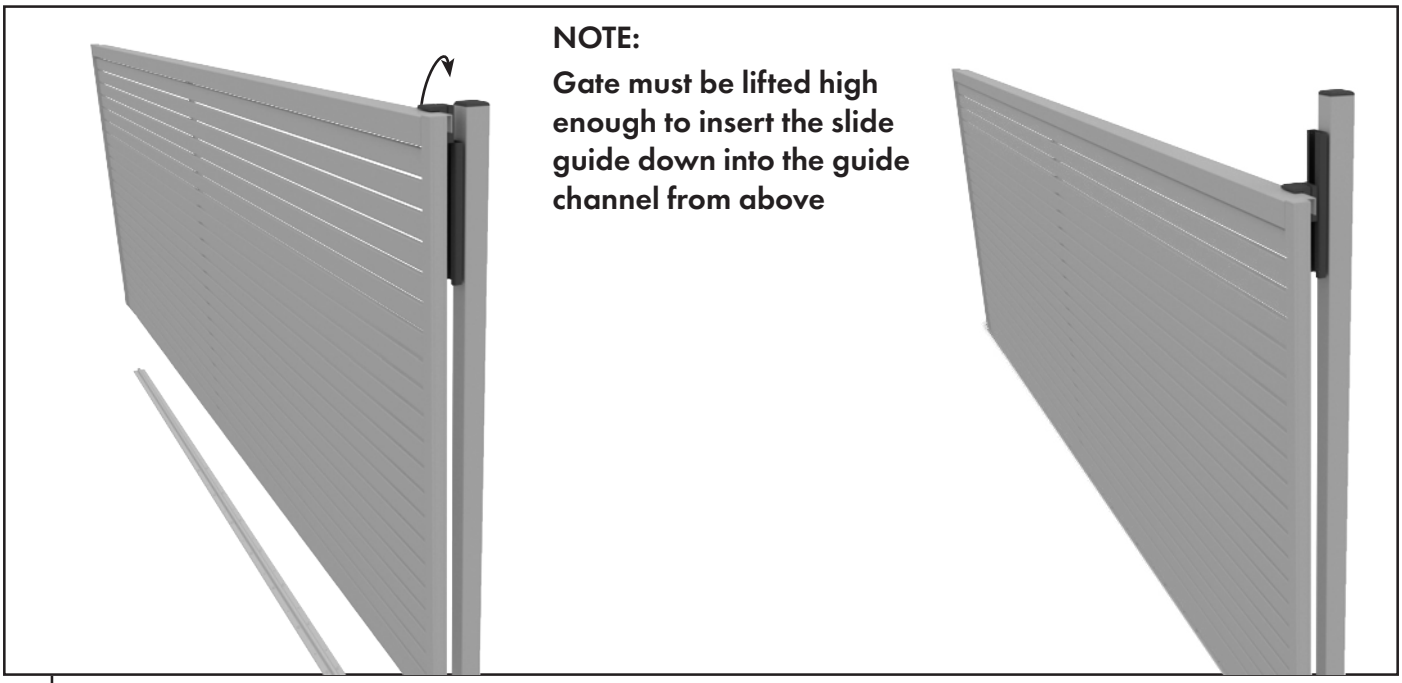
Thoroughly clean concrete dust from holes and insert track pins into each hole and hammer into position.

NOTE: Take care not to hit raised roller guide



24 IF USING SLIDE GUIDE

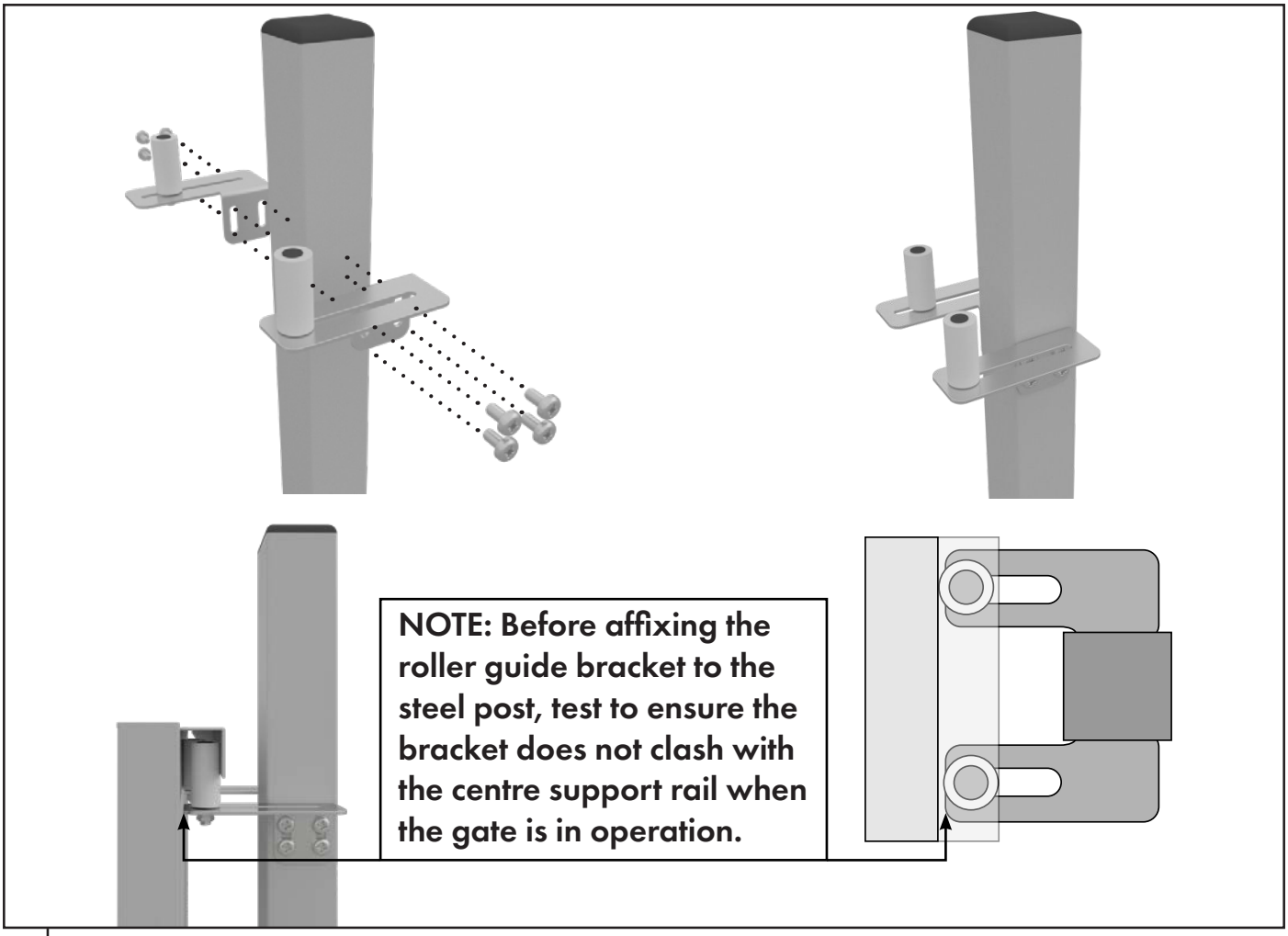
Slide the slide guide onto the top rail.



25 IF USING SLIDE GUIDE

Attach slide guide to post. Then, with help from multiple personnel, lift the gate into position.

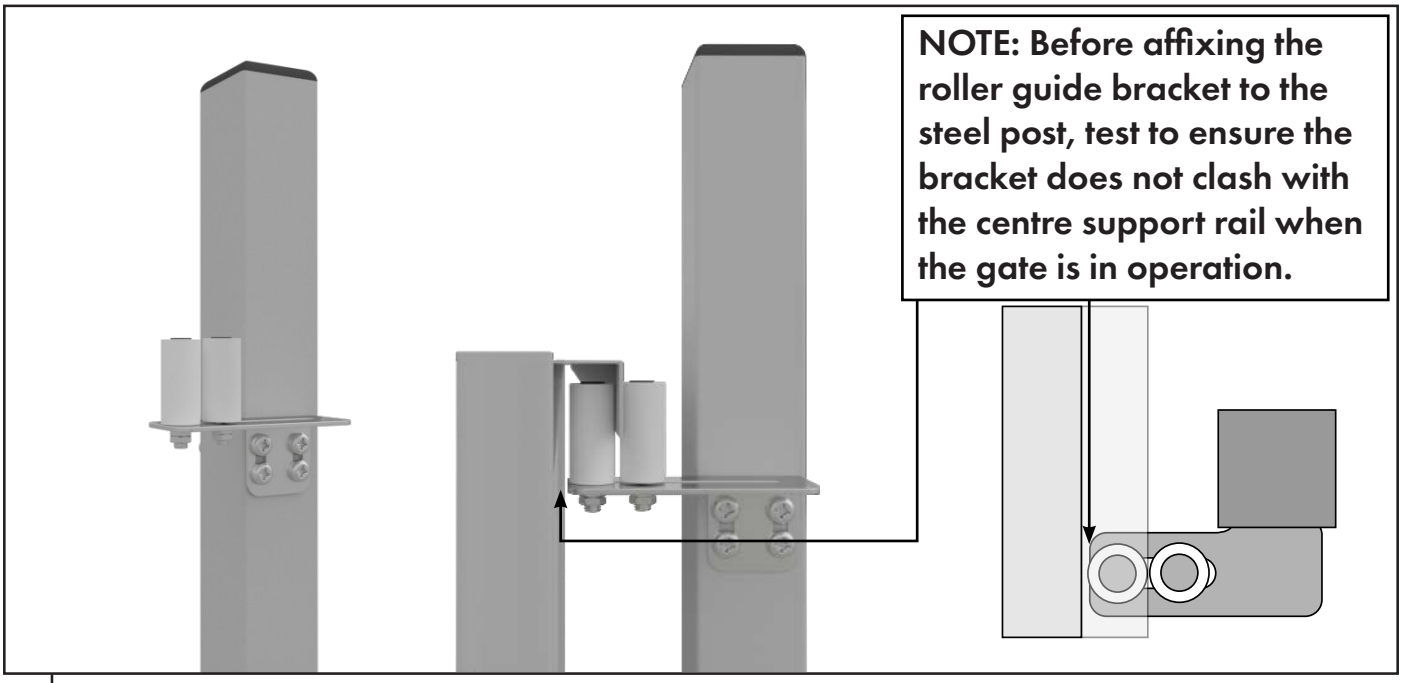
INSTALL TIP: Generally, the top of the post is installed in-line with the top of the gate. However, if installing on an uneven travelling surface, the top of post may need to be higher than the installed gate height to allow for the up and down movement of the slide guide.



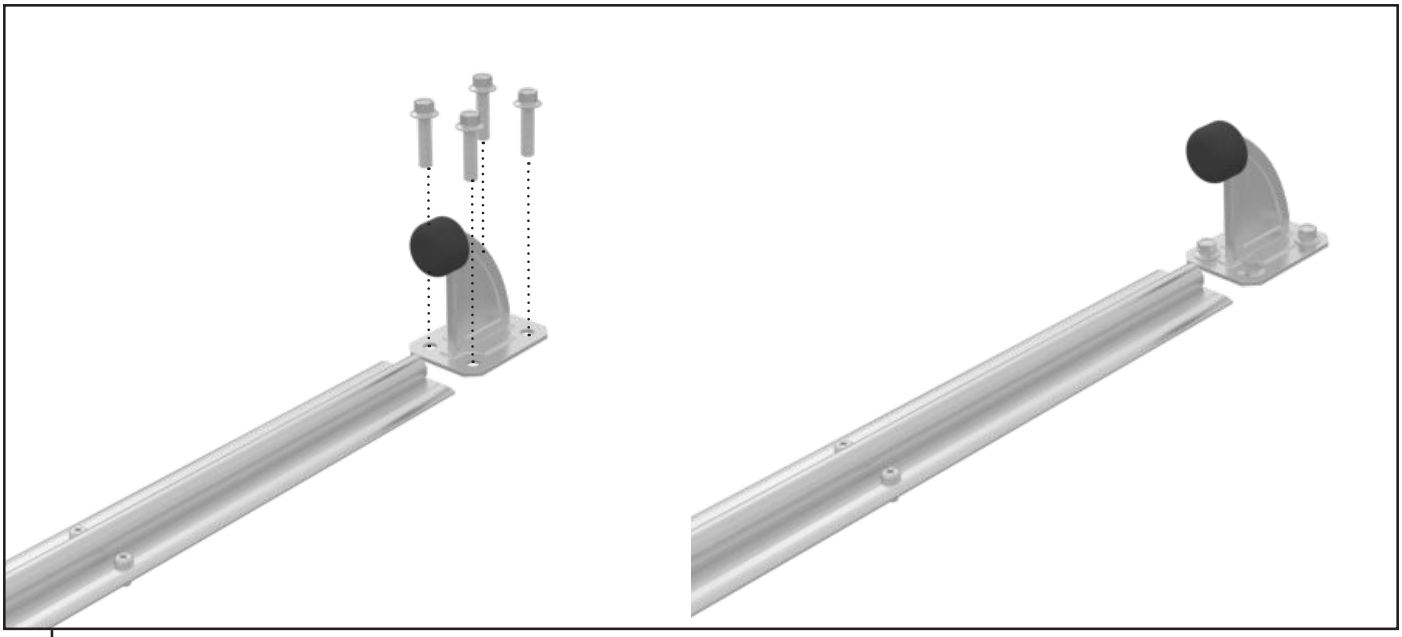
26a IF USING ROLLER GUIDES

Affix roller guides to both side of 65x65mm post. Slide gate into place with both rollers internal of top rail channel. Adjust rollers forwards or backwards and ensure 1x roller is touching each side of inner channel.

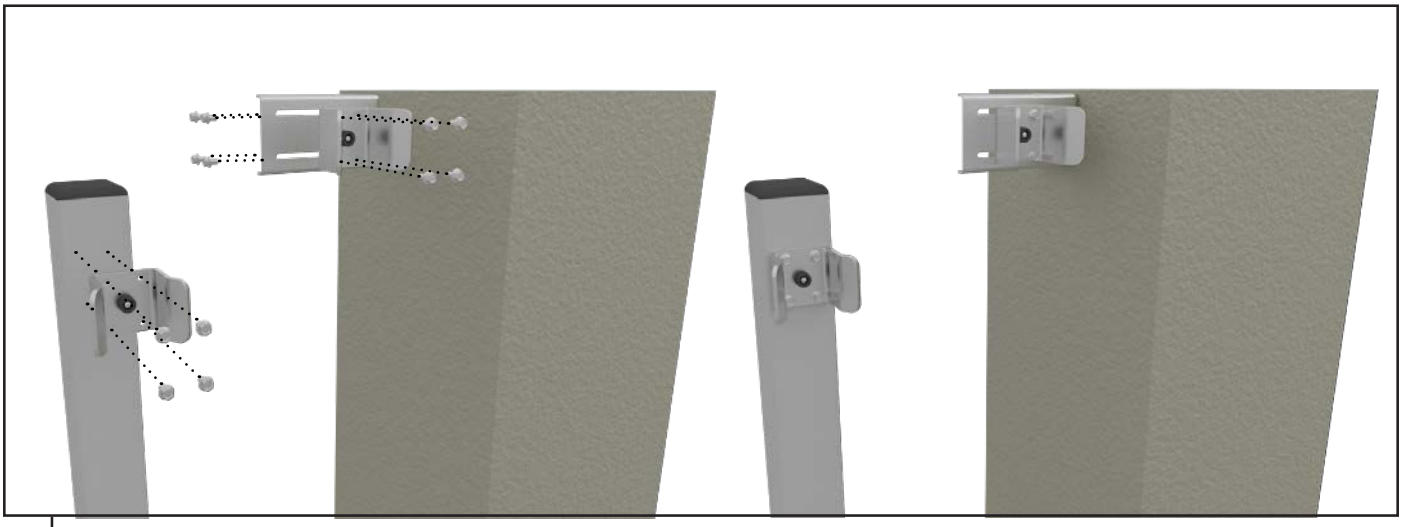
NOTE: Roller guides should only be used where deviation in height along gate travel is 15mm or less. If deviation in height is greater than 15mm, use slide guide.



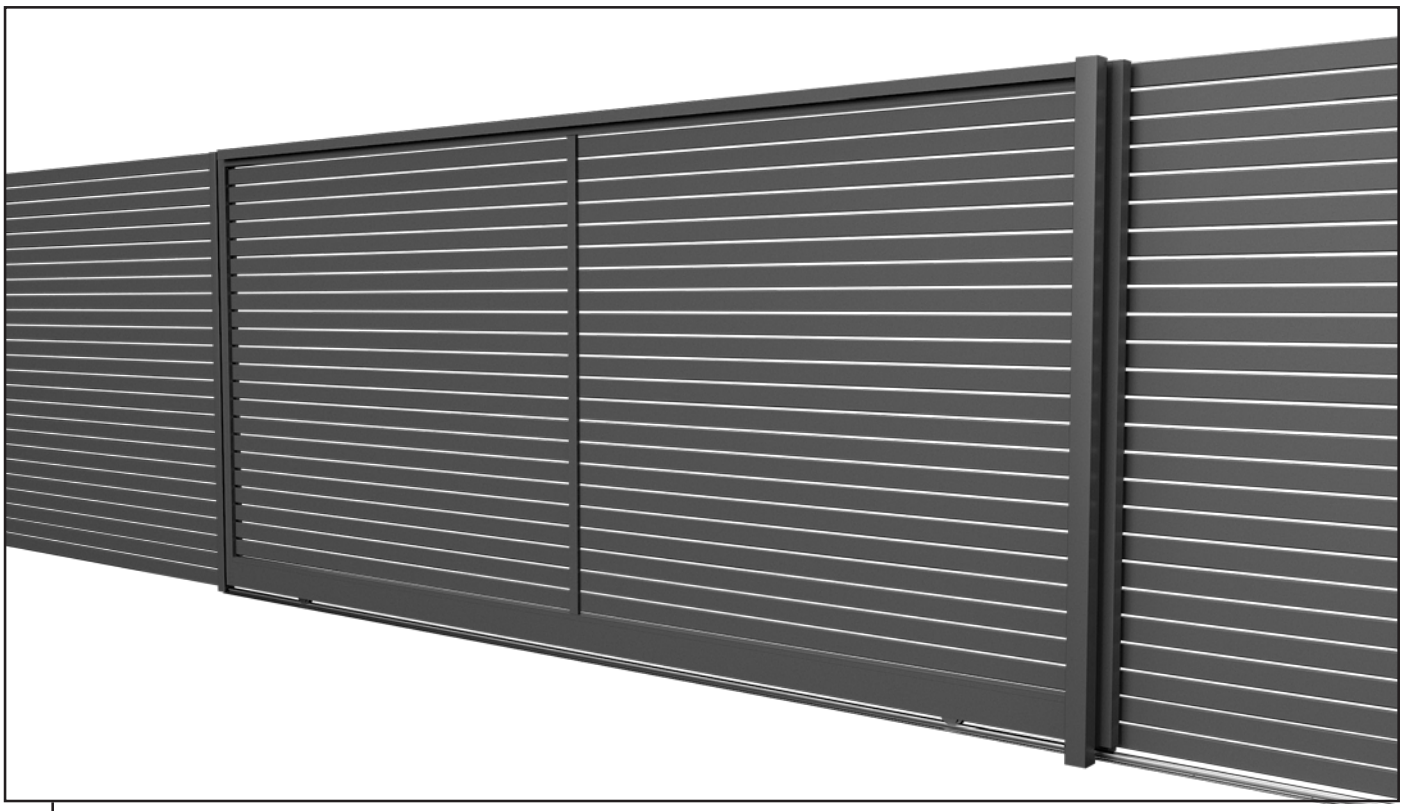
26b Alternative roller guide fixing method: Remove roller from 1x roller guide bracket and fit to other bracket. Affix roller guide bracket to 65x65mm post, then slide gate into place with 1x roller inside and 1x roller outside of top rail channel. Adjust rollers forwards or backwards as needed.



27 Attach the gate stop to concrete floor to allow the gate to stop at a fully opened position (fixings not included).



28 Attach the U catch to the 65mm steel post (or affix F catch to existing wall/pillar) to allow the gate to stop at the fully closed position (fixings not included).



Gate Fabrication complete.