



QUICKSCREEN GATE
HAMPTONS COMBO
SLIDING PEDESTRIAN GATE

FABRICATION
OVERVIEW

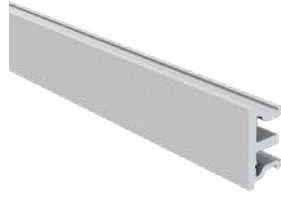




PVC Infill Panel



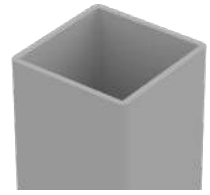
Gate Side Frame



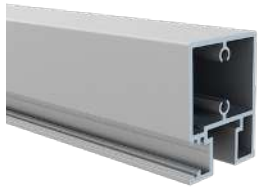
Gate Screw Cover



Bottom Rail



65x65 Steel Post



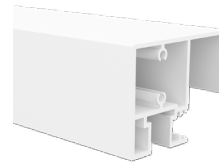
65mm Mid Rail



Gate Infill



Gate Infill
for PVC Panels



65mm Top Rail



Gate Top Cap



Joiner Blocks and
Screws for Top/Mid/
Bottom Rails



Panhead Screws



76mm PVC Slat



PVC Top Slat Rail



PVC Bottom Slat Rail



Slide Guide

OR



Roller Guides
(Left and Right - fixings not included)



Gate Wheel



Wheel Clamping Set



Self-drilling
Wafer Screws



Track Pins



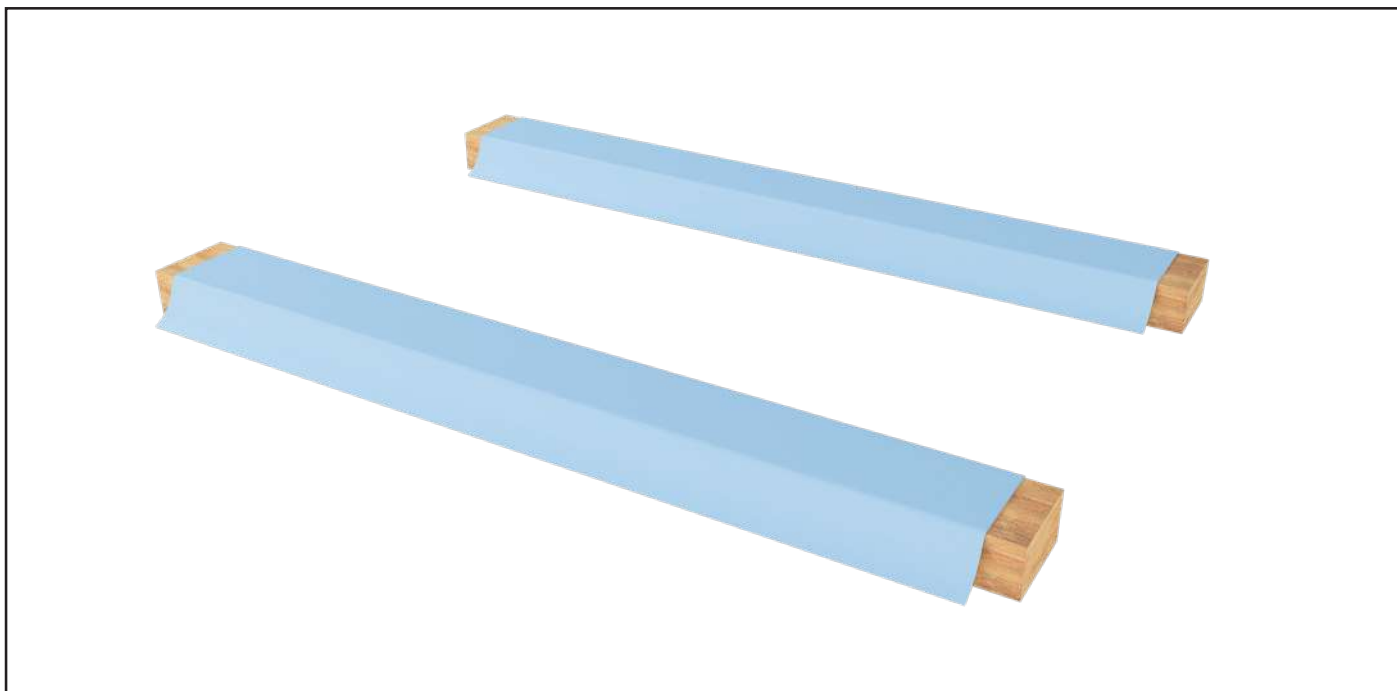
Sliding Gate Track
Steel or Aluminium



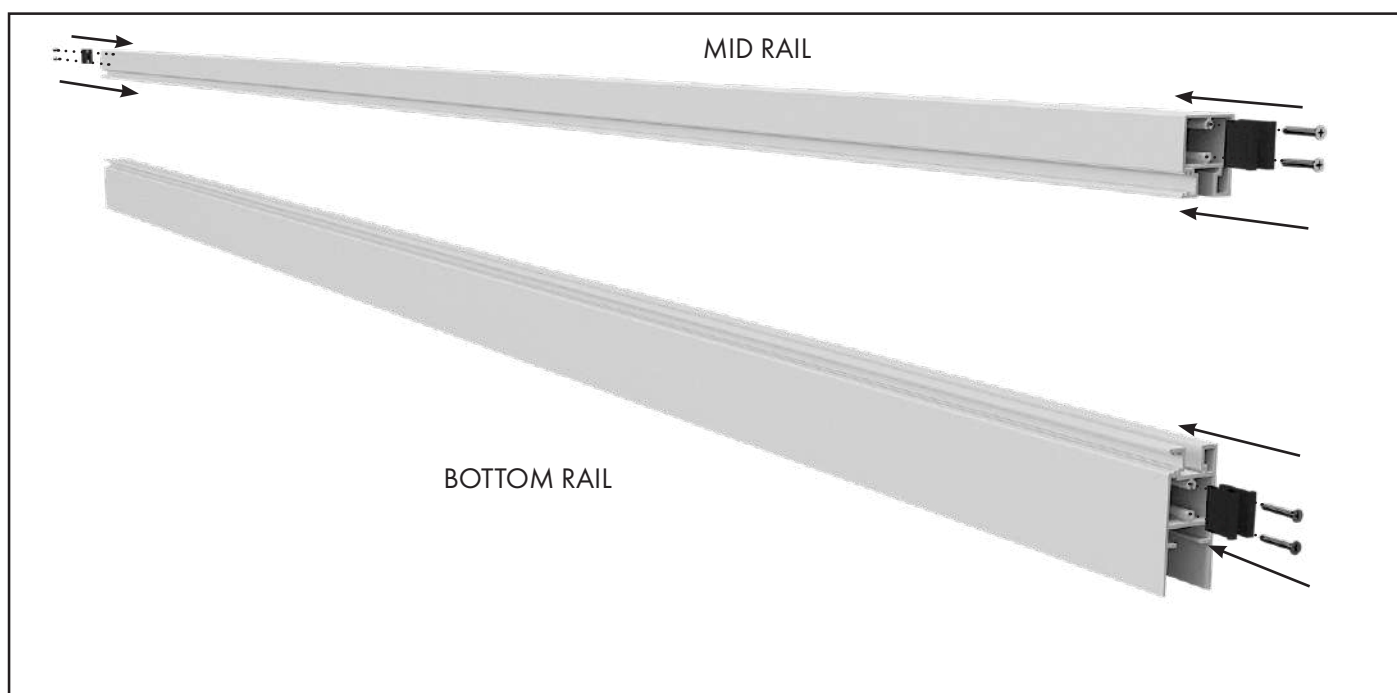
U Catch or F Catch
Fixings not included



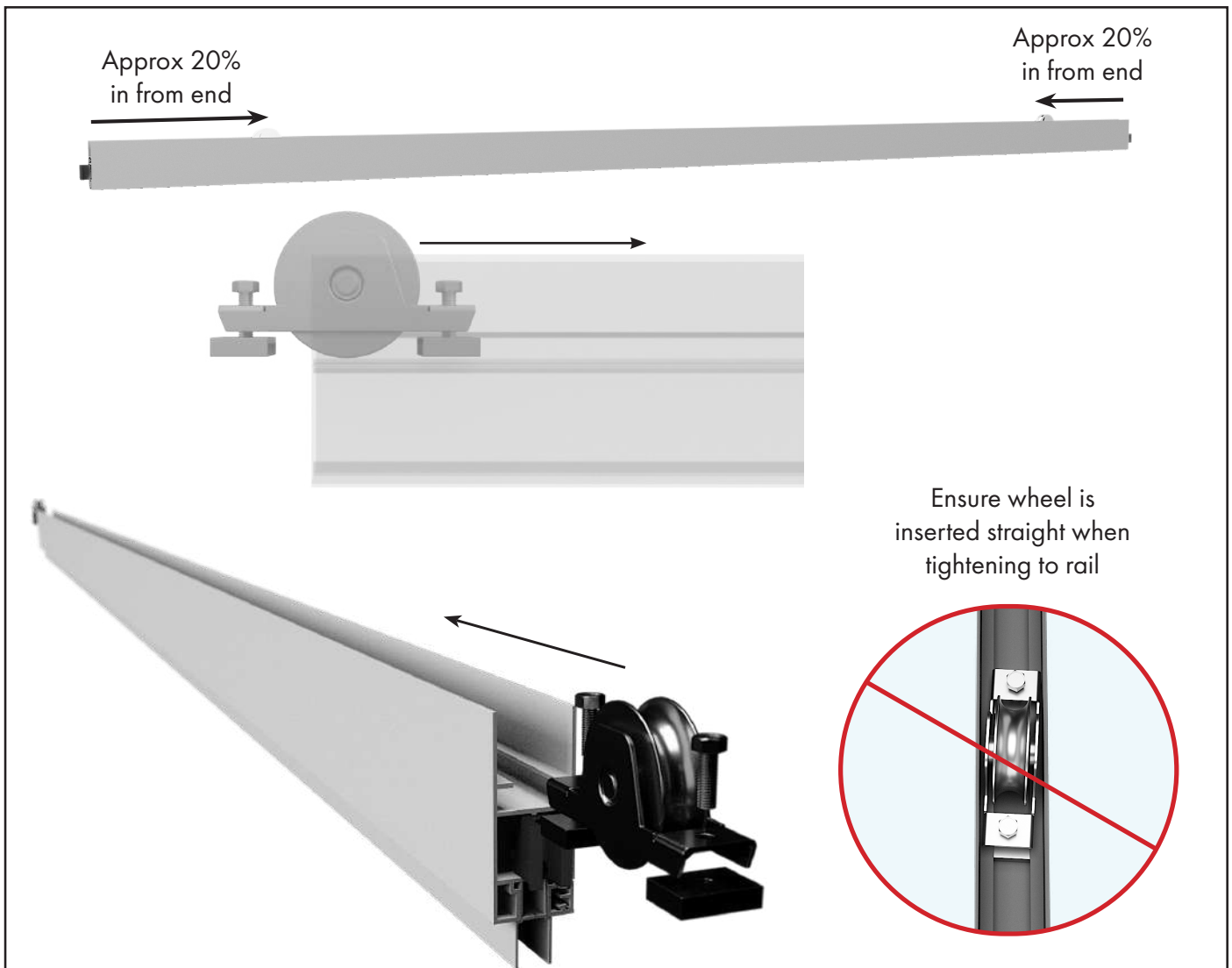
Gate Stop
Fixings not included



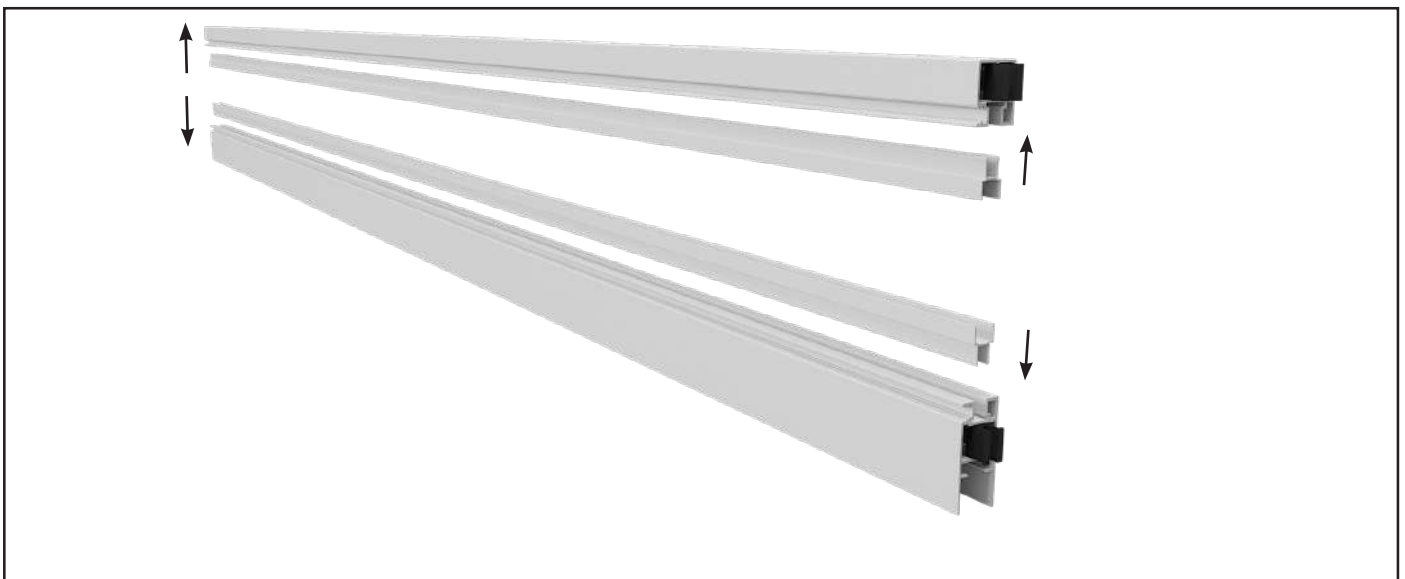
- 1 Set up the gate fabrication area on a flat, protected surface or padded bearers



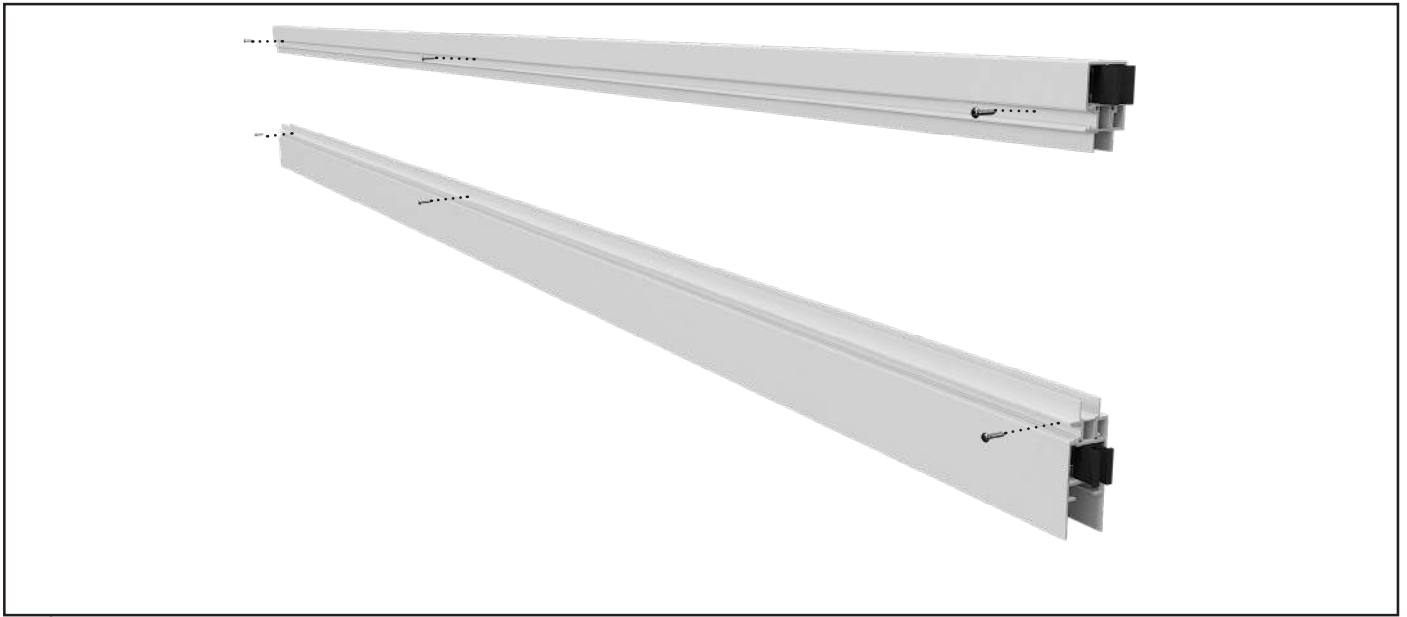
- 2 Attach the Joiner Blocks to both ends of the Mid Rail, and one end of the Bottom Rail, with two screws per Joiner block, using a Phillips head #3 driver bit on a low-torque/low-speed cordless drill setting.



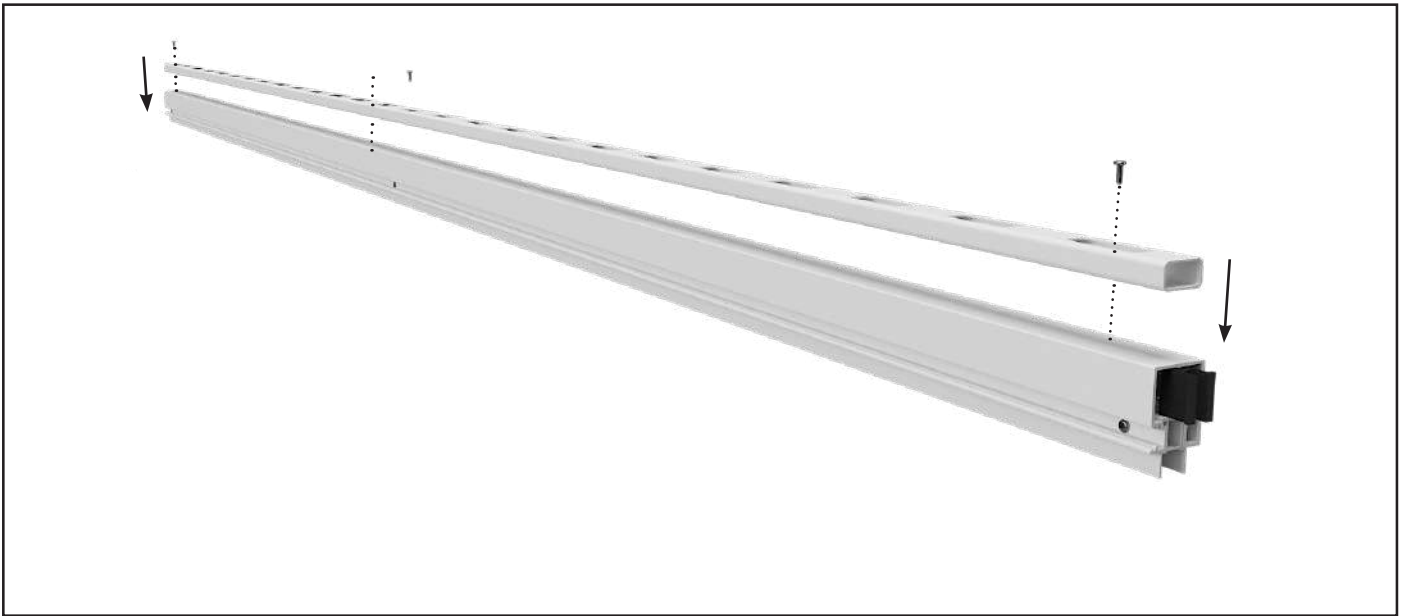
- 3 Loosely attach wheel clamping sets to both wheels. Then place bottom rail upside down on timber bearers and slide both wheels into position (approx 20% from each end of bottom rail), then tighten bolts.



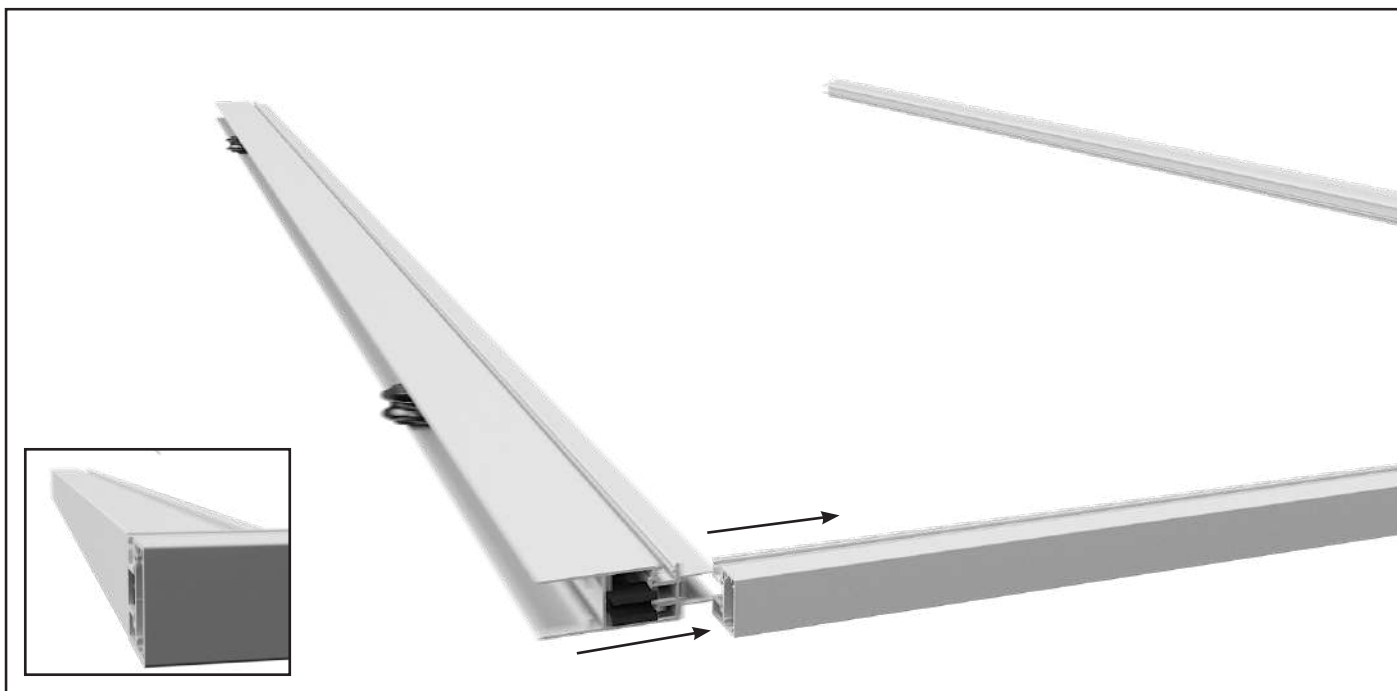
- 4 Insert Gate Infills for PVC Panels in to the Mid and Bottom Rails.



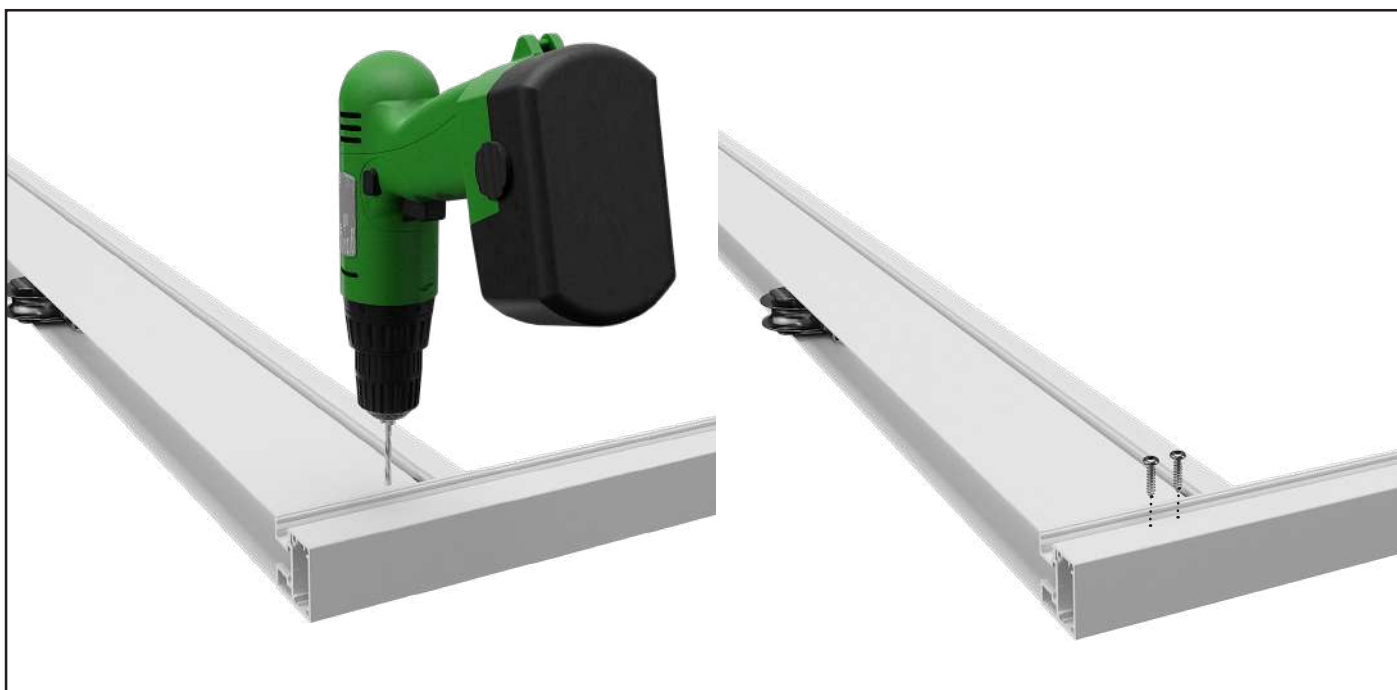
5 Secure with three self-drilling wafer screws per Gate Infill within the screw channel.



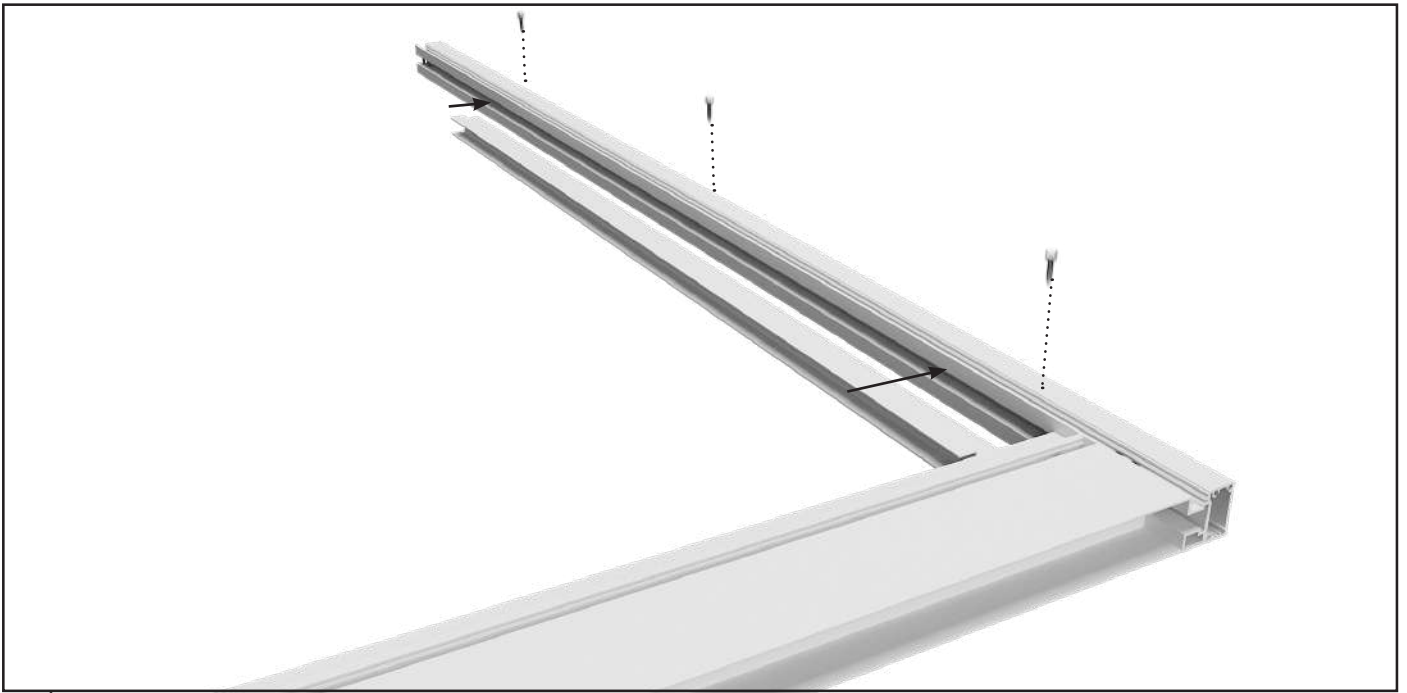
6 Attach the PVC 38mm x 38mm Bottom Slat Rail centrally to the aluminium Mid Rail through the slotted slat holes by pre-drilling a 4mm hole and affixing with 3 x Wafer Screws.



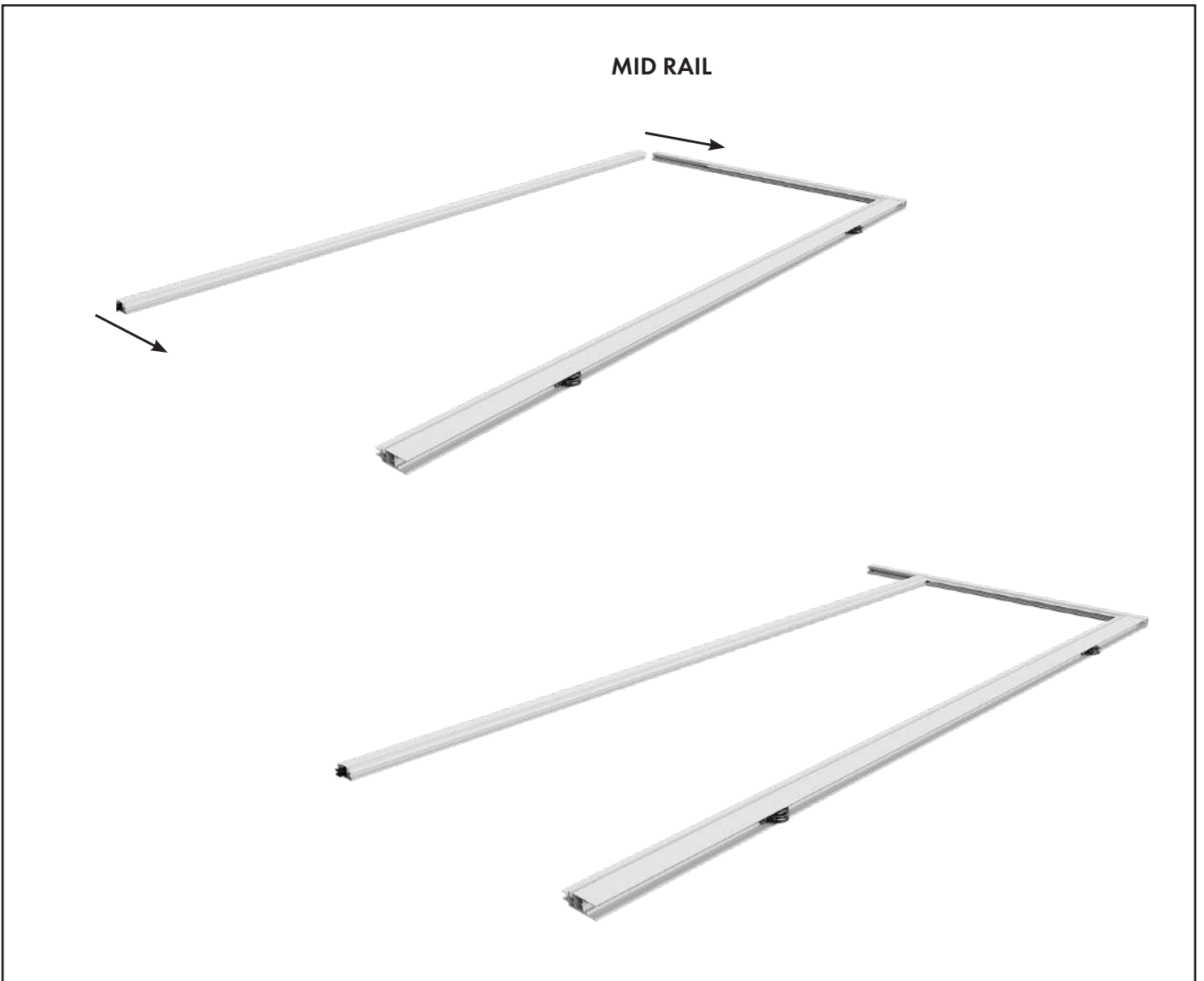
- 7 Slide the Bottom Rail with the single Joiner Block onto the Gate Side Frame, ensuring the Bottom Rail is flush with the bottom on the Gate Side Frame.



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

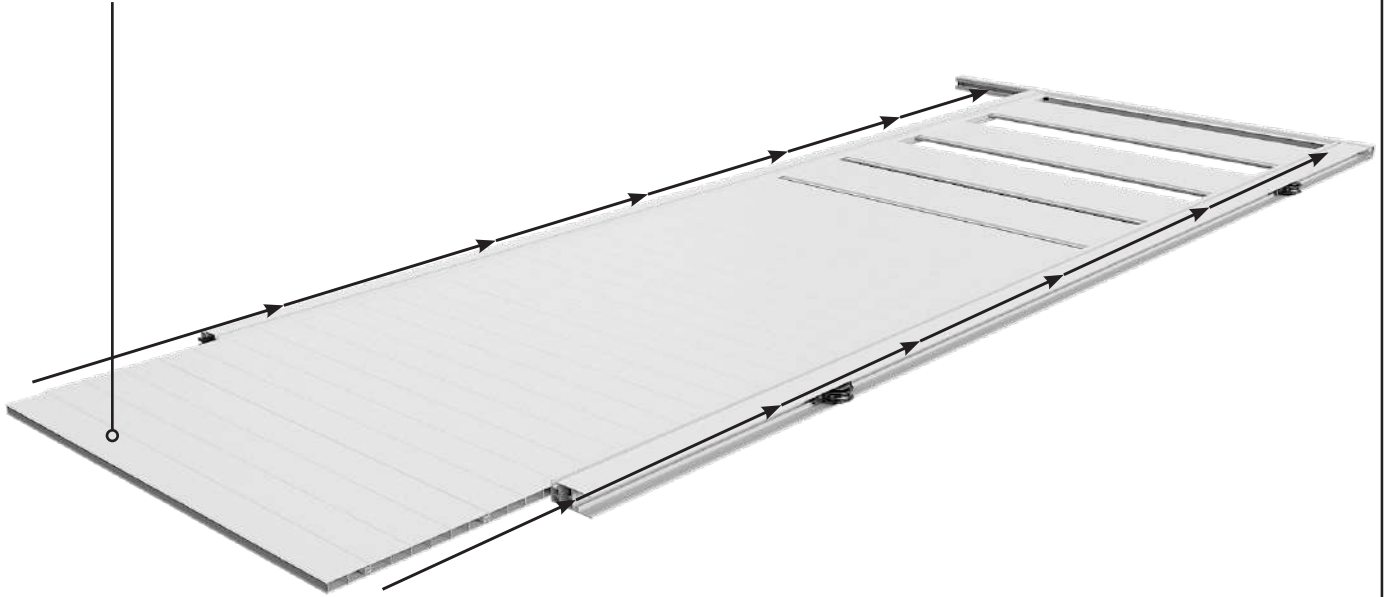


- 9 Insert Infill for PVC into the first Gate Side Frame and affix using the Self-drilling Wafer Screws.



- 10 With the Infill for PVC facing down, slide the Mid Rail onto the Gate Side Frame until the Mid Rail Infill meets the Gate Side Frame Infill

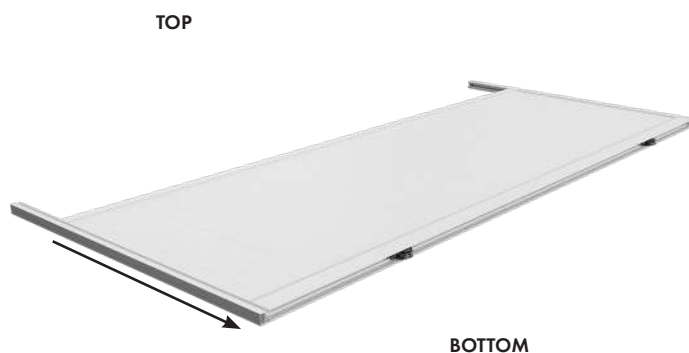
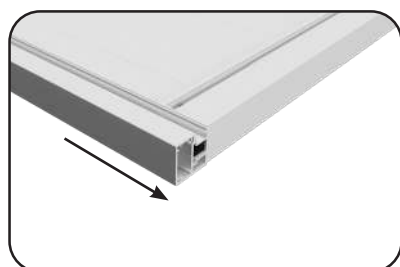
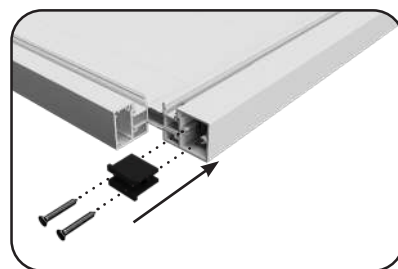
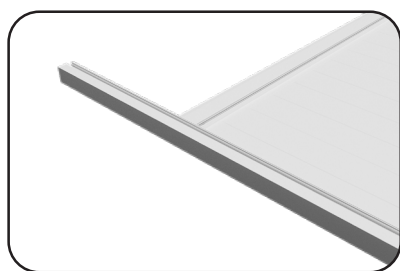
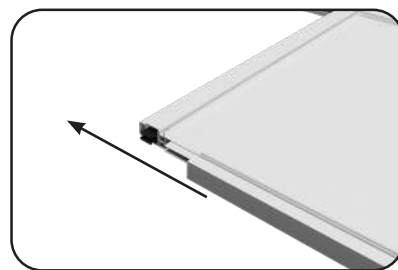
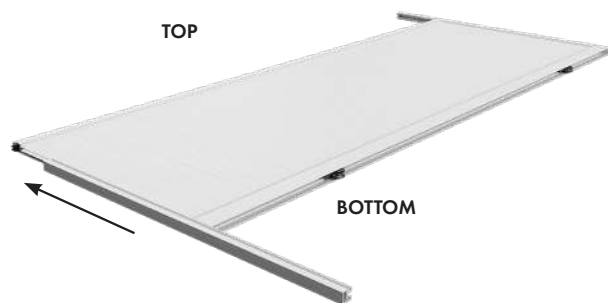
Last panel may be width adjusted by removing length from the groove end.



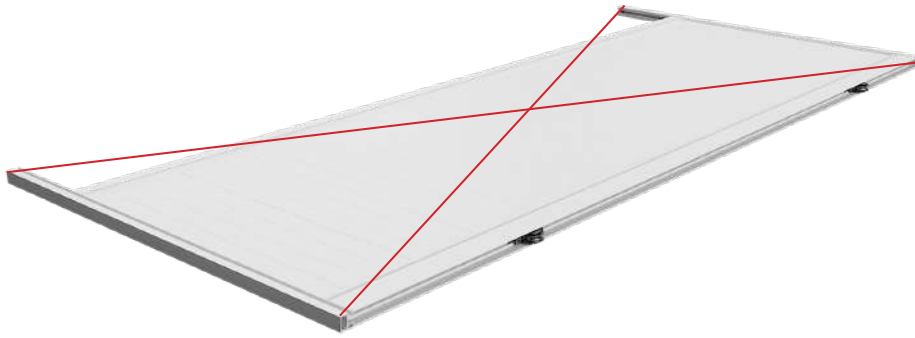
- 11 Leading with the tongue of the first full PVC Infill Panel, slide all PVC Infill Panels into the Infill Channels, ensuring all tongue and groove joints are fully engaged. Complete this step by sliding the final width-adjusted PVC Infill Panel into position.



- 12 Position the Infill for PVC over the last PVC panel and align with the edge of the Bottom and Mid Rail.



- 13 Slide the remaining Gate Side Frame onto the Infill for PVC and onto Mid Rail Joiner Block. Slide side frame slightly beyond the Mid Rail to allow room to install Joiner Block to the Bottom Rail. Once block installed, slide Side Frame back down to connect Side Frame to Bottom Rail. The Gate Side Frame should align flush with the Bottom Gate Rail.



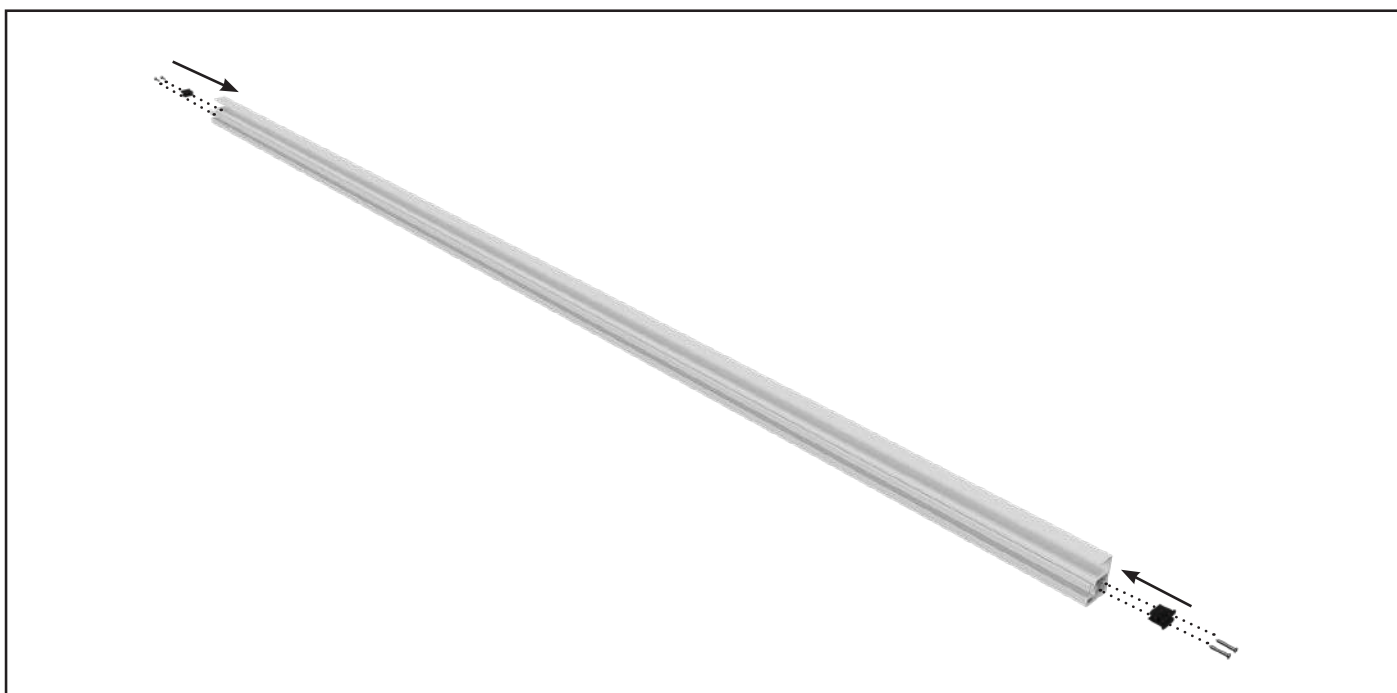
- 14 Ensure the gate is square. Pre-drill two 5mm holes through the Gate Side Frame screw channel and Joiner Blocks at the Mid Rail and remaining Bottom Rail.
Affix two 12G x 25mm long panhead screws per Joiner Block



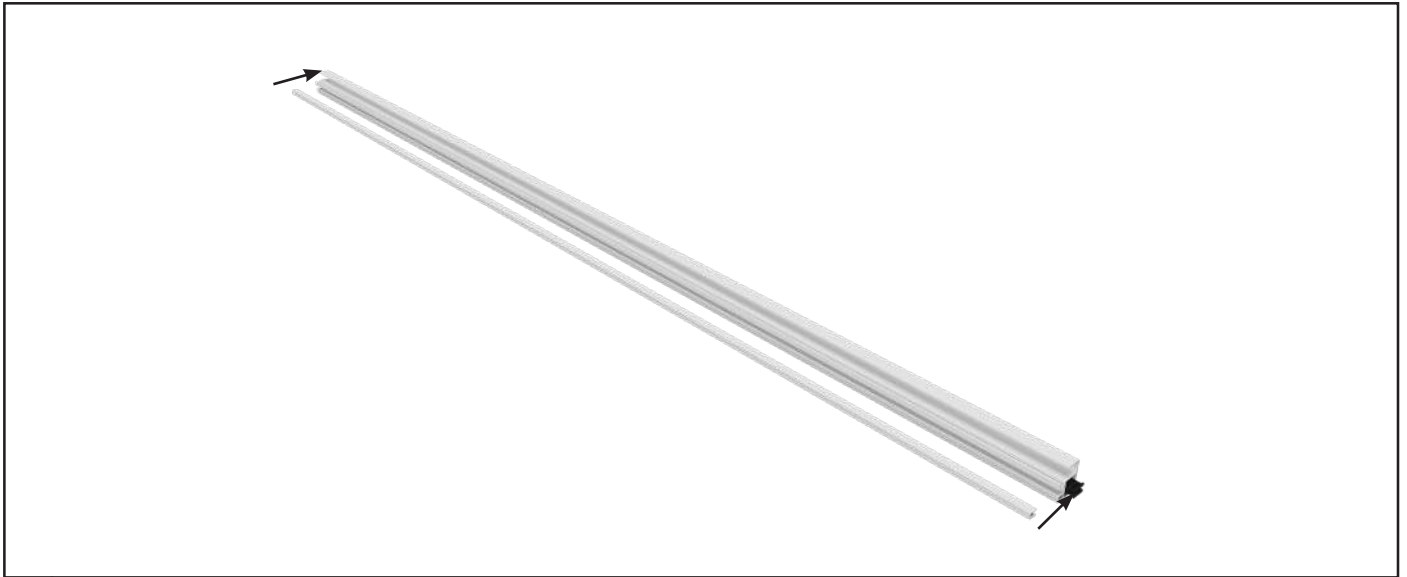
- 15 Affix the Infill for PVC through the Gate Side Frame screw channel using Self-drilling Wafer Screws.



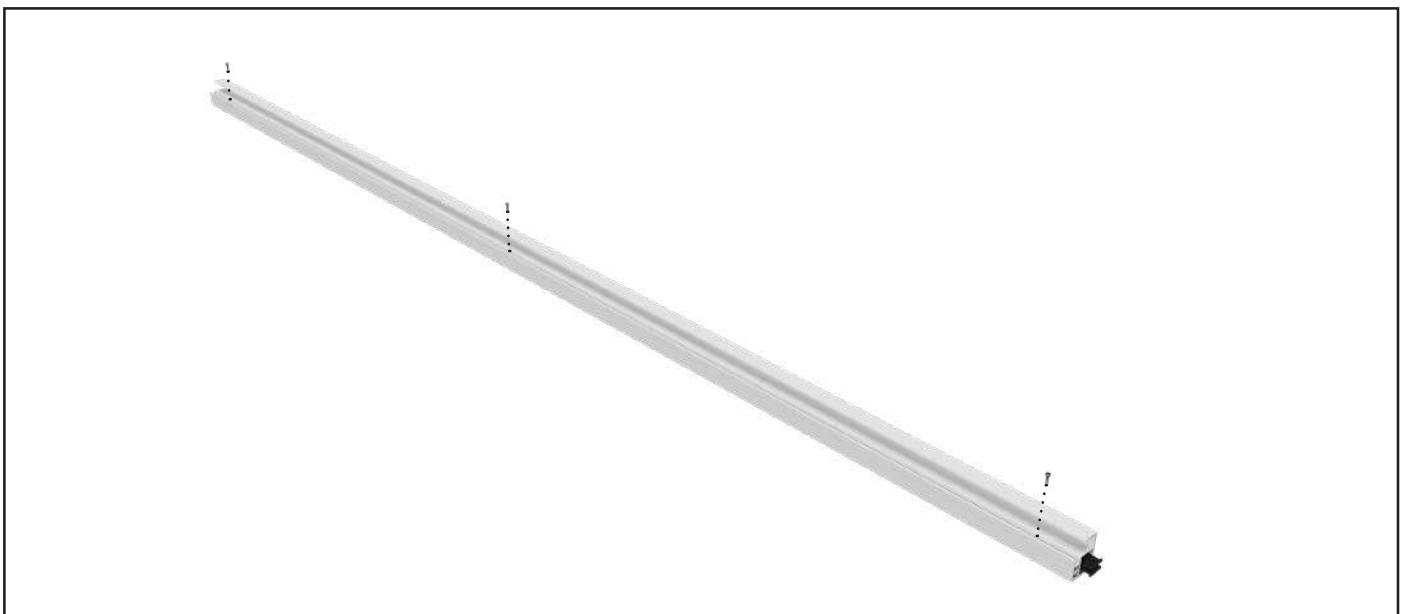
- 16 Insert the 2 shorter length Gate Infills into the Gate Side Frames.



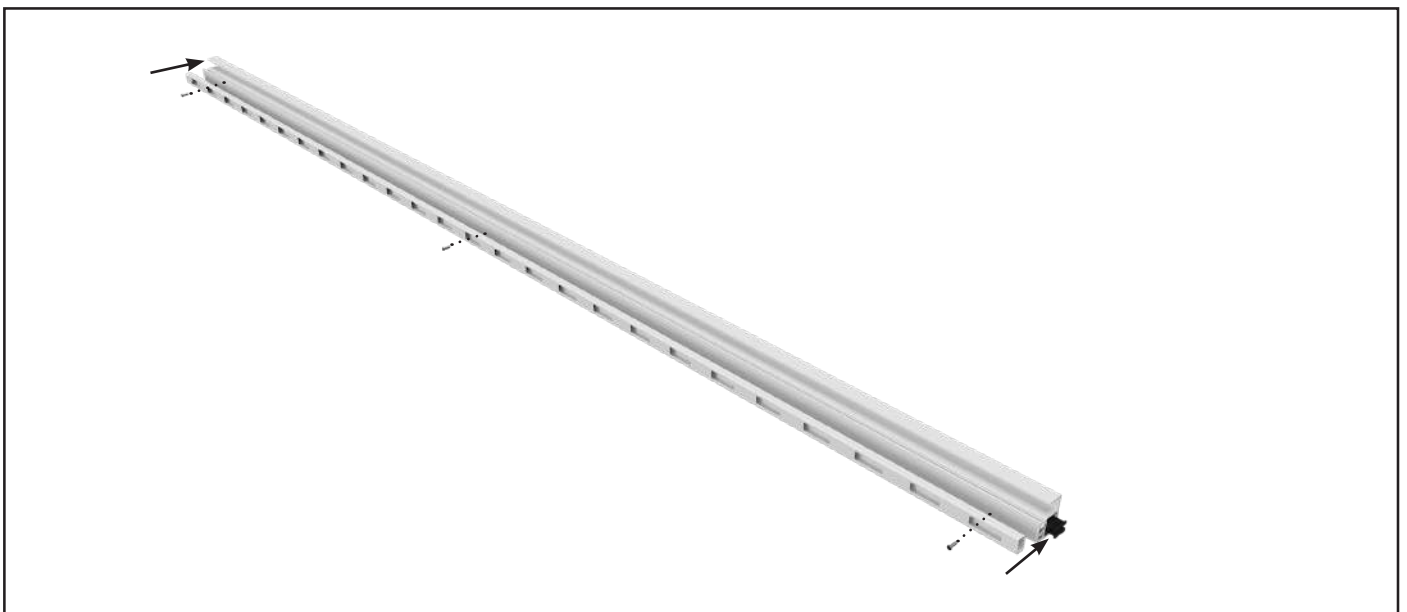
- 17 Attach Joiner Blocks to both ends of the Top Rail with two screws per Joiner block using a Phillips head #3 driver bit on a low-torque/low-speed cordless drill setting



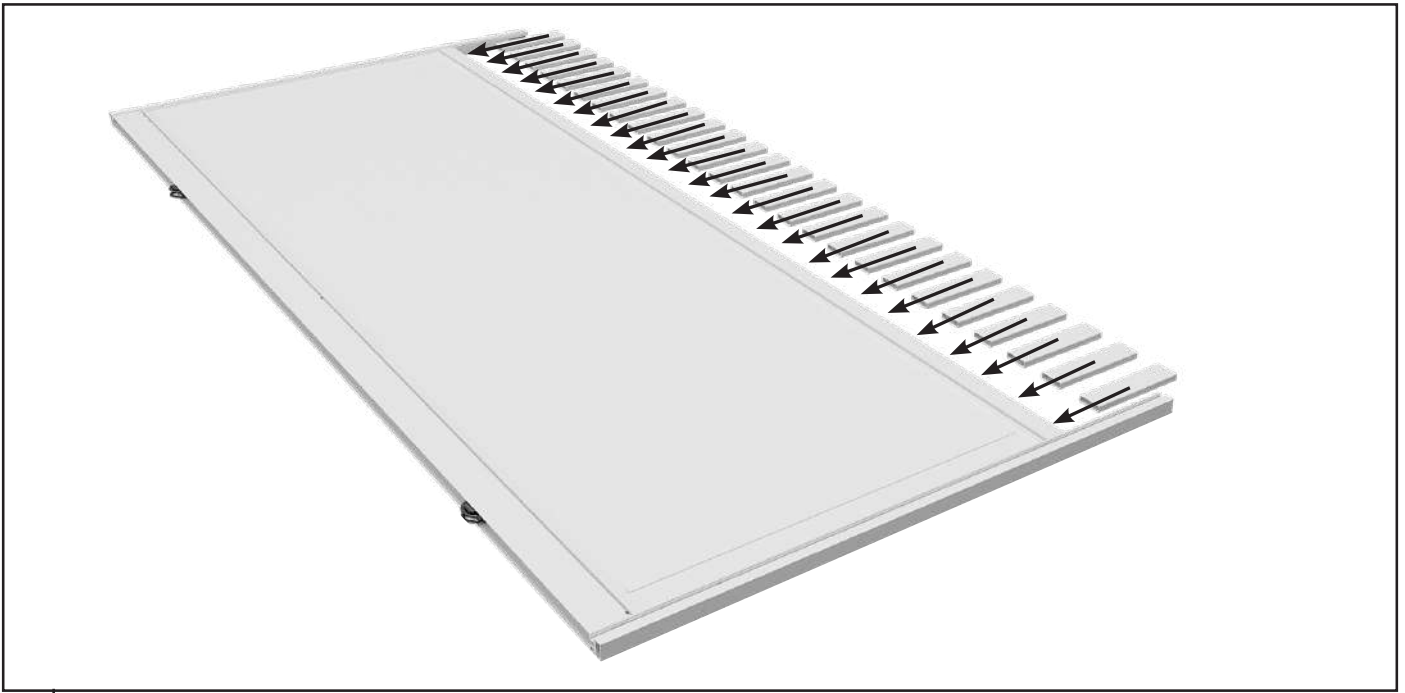
18 Insert Gate Infill into the Top Rail



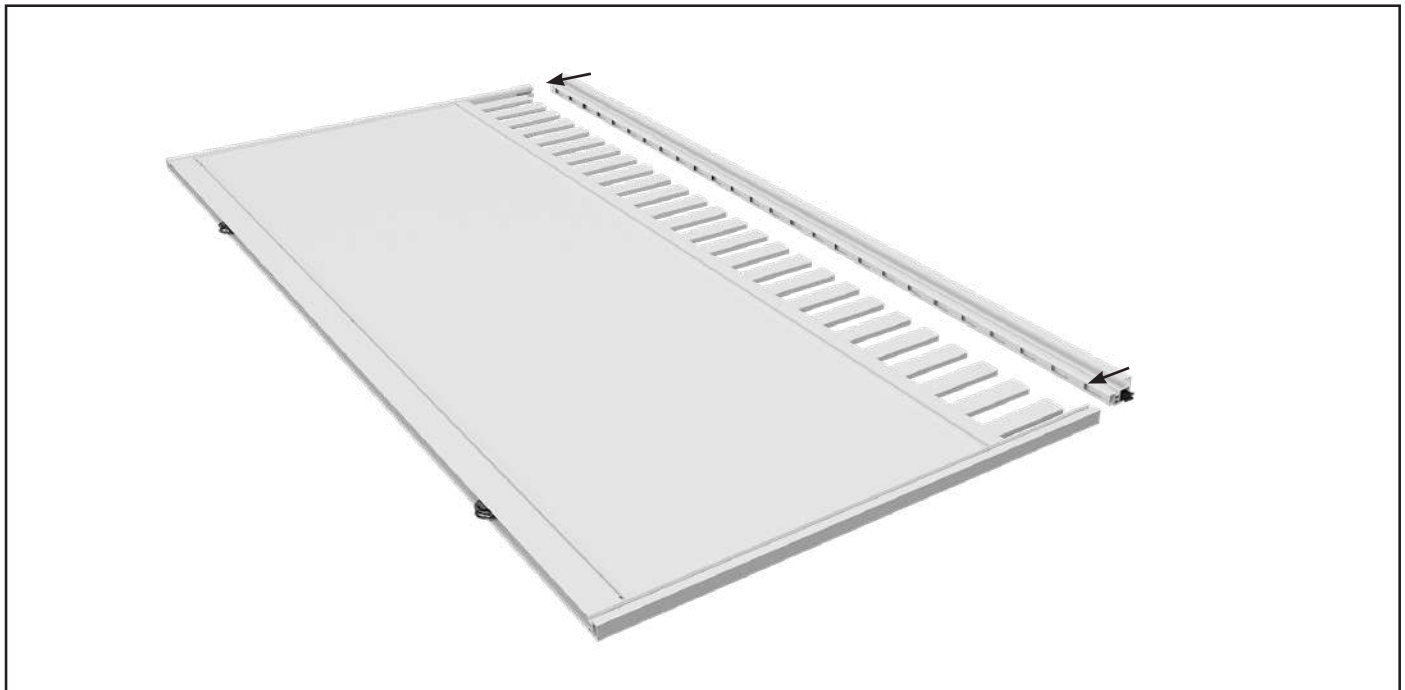
19 Secure with Gate Infill three self-drilling wafer screws within the screw channel.



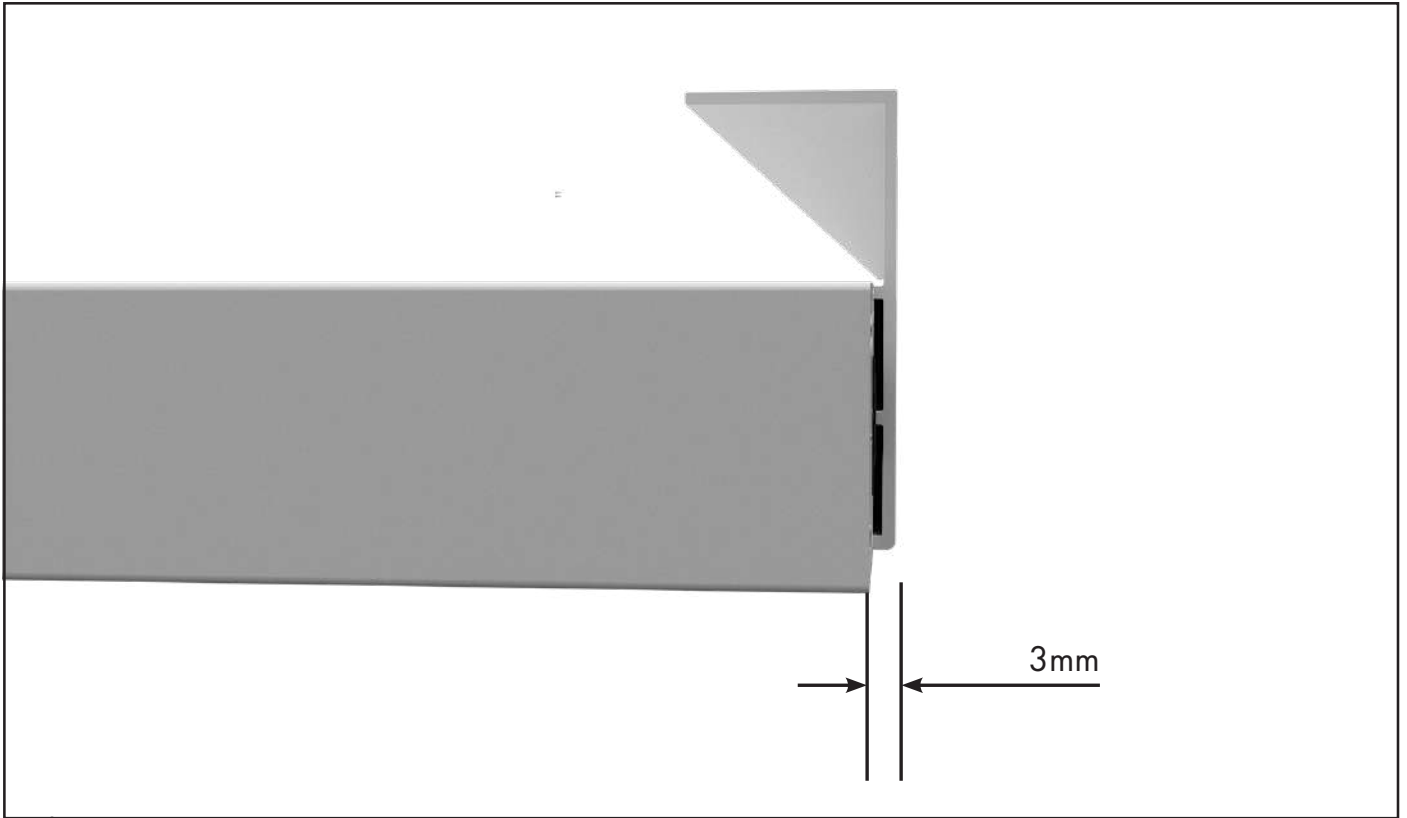
20 Attach the PVC 22m x 38mm Top Slat Rail centrally to the aluminium Top Rail through the slotted slat holes by pre-drilling a 4mm hole and affixing with 3 x Wafer Screws.



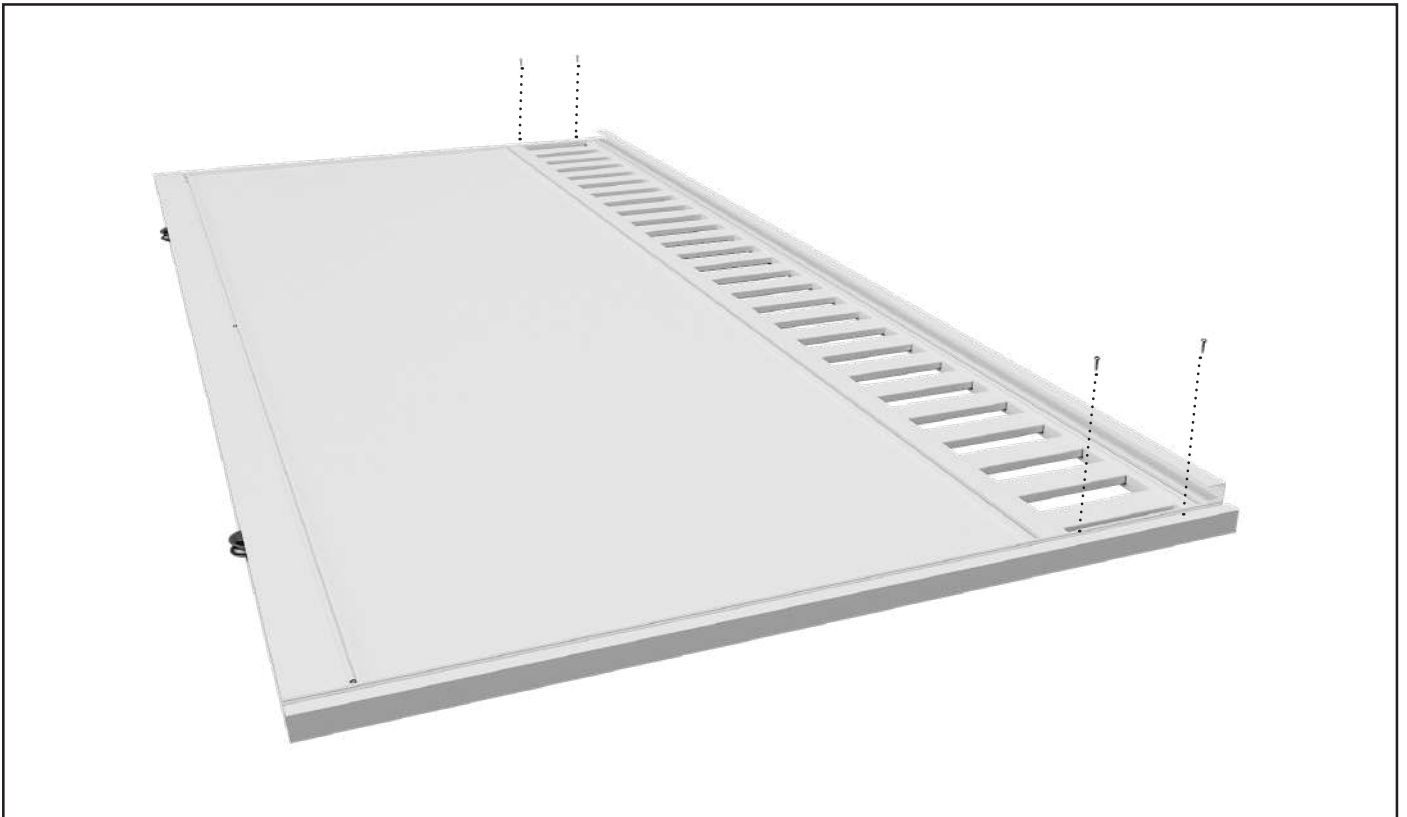
- 21 Insert all PVC 76mm Slats into the PVC Bottom Slat Rail.



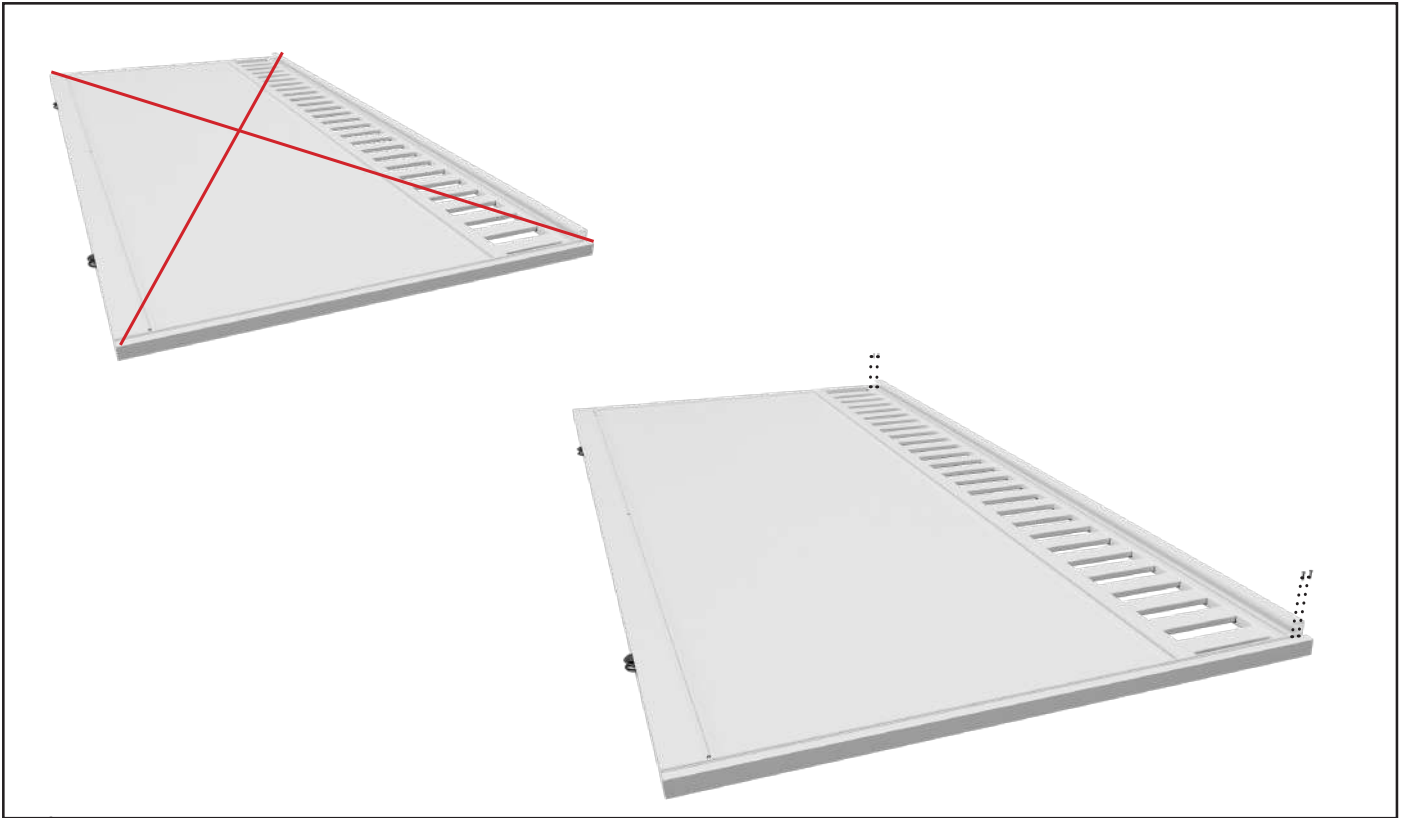
- 22 Engage all PVC 76mm Slats with the PVC Top Slat Rail that is connected to the aluminium Top Rail and slide the Top Rail onto the Gate Side Frames.



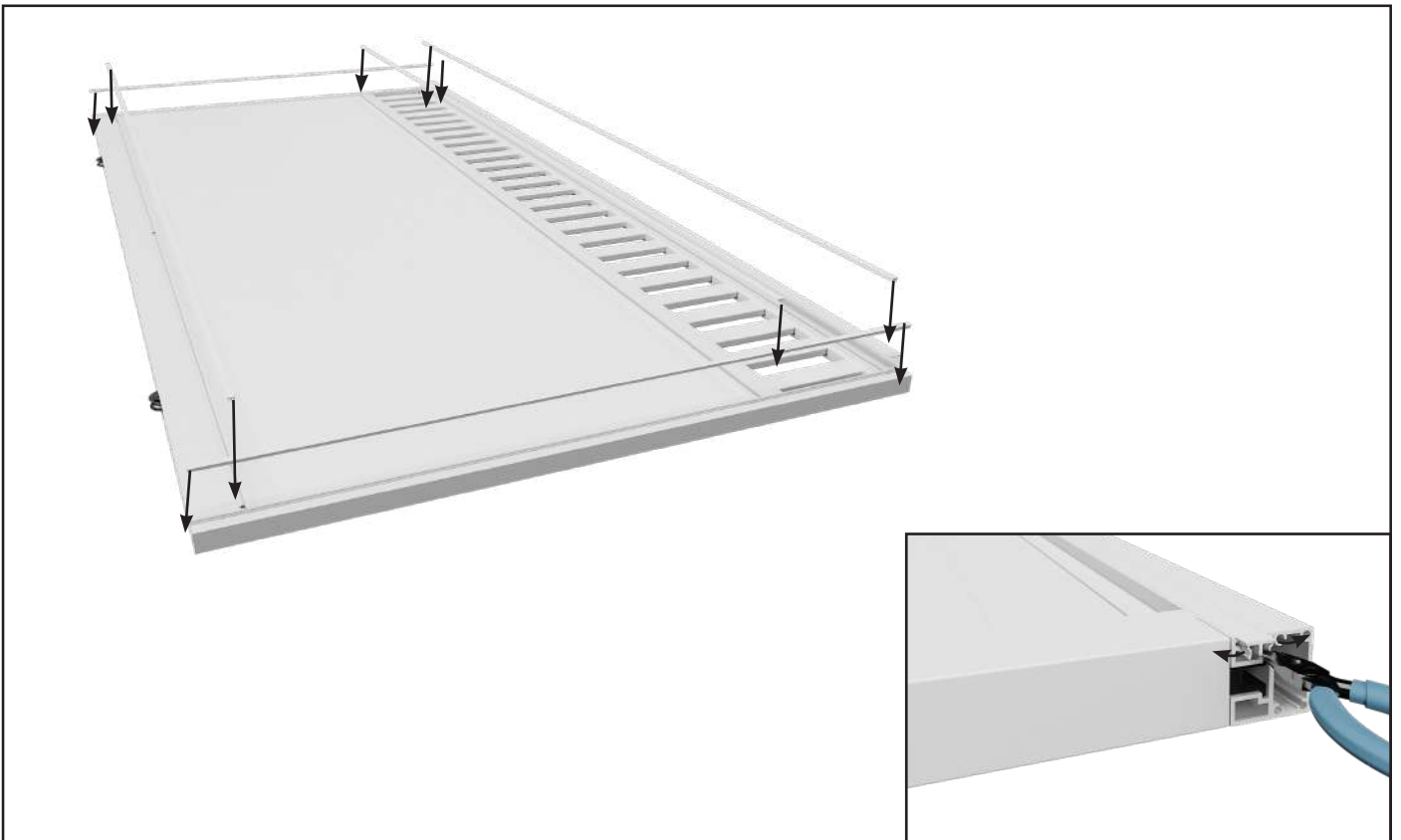
- 23 Ensure a gap of 3mm remains between top of Top Rail and top of Gate Side Frames for Gate Top Caps.



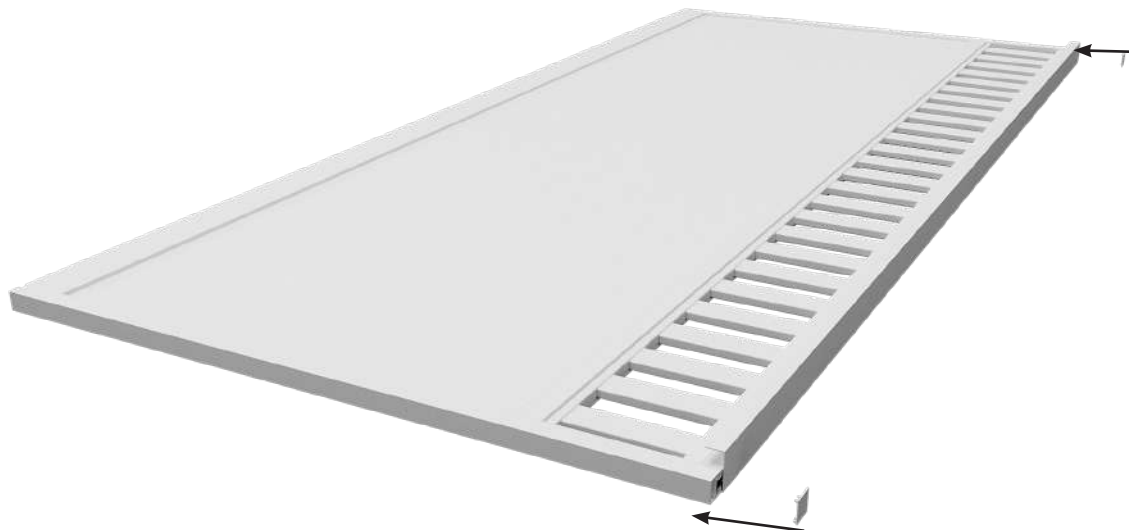
- 24 Affix the 2 shorter Gate Infills using 2 x self-drilling wafter screws each side through the Gate Side Frame screw channel



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

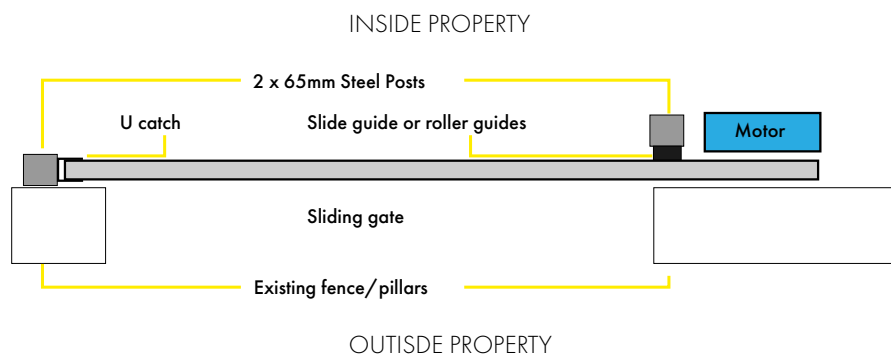


- 26 Snap the Screw Covers into the Top, Mid and Bottom rails, and insert the two Screw Covers to the Gate Side Frames.
Once inserted, bend the Screw Cover legs as required to achieve a tight insert.

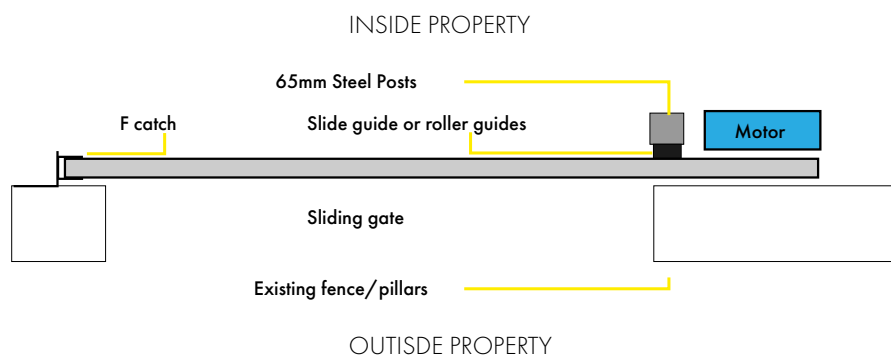


27 Insert the two Top Caps

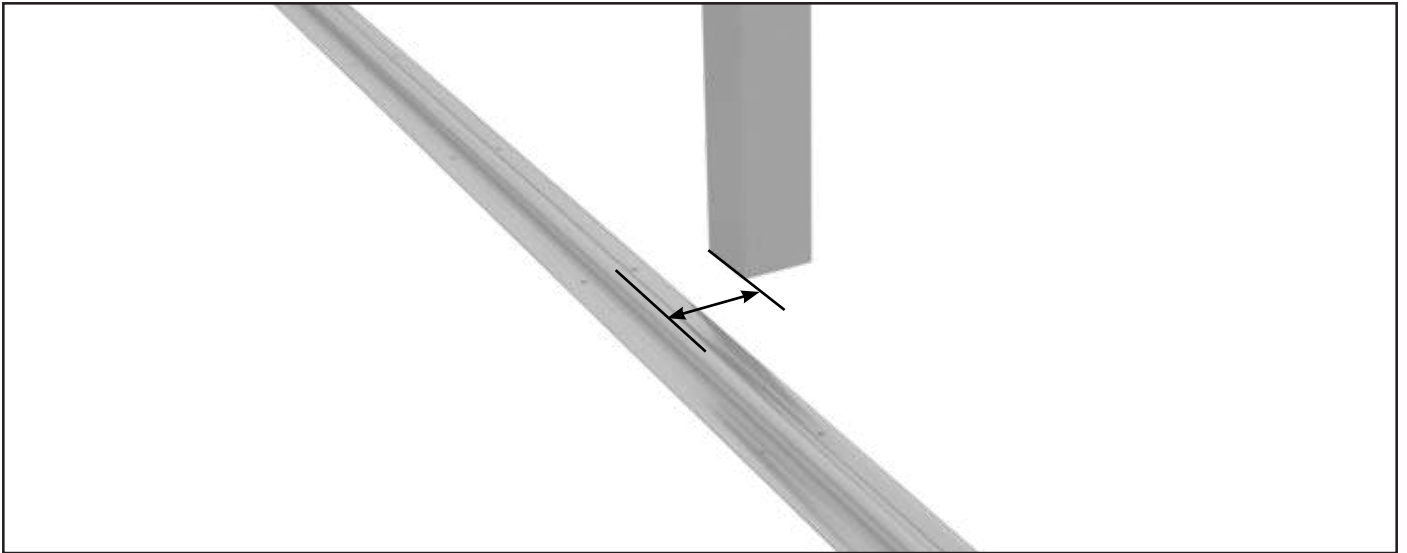
U Catch Installation



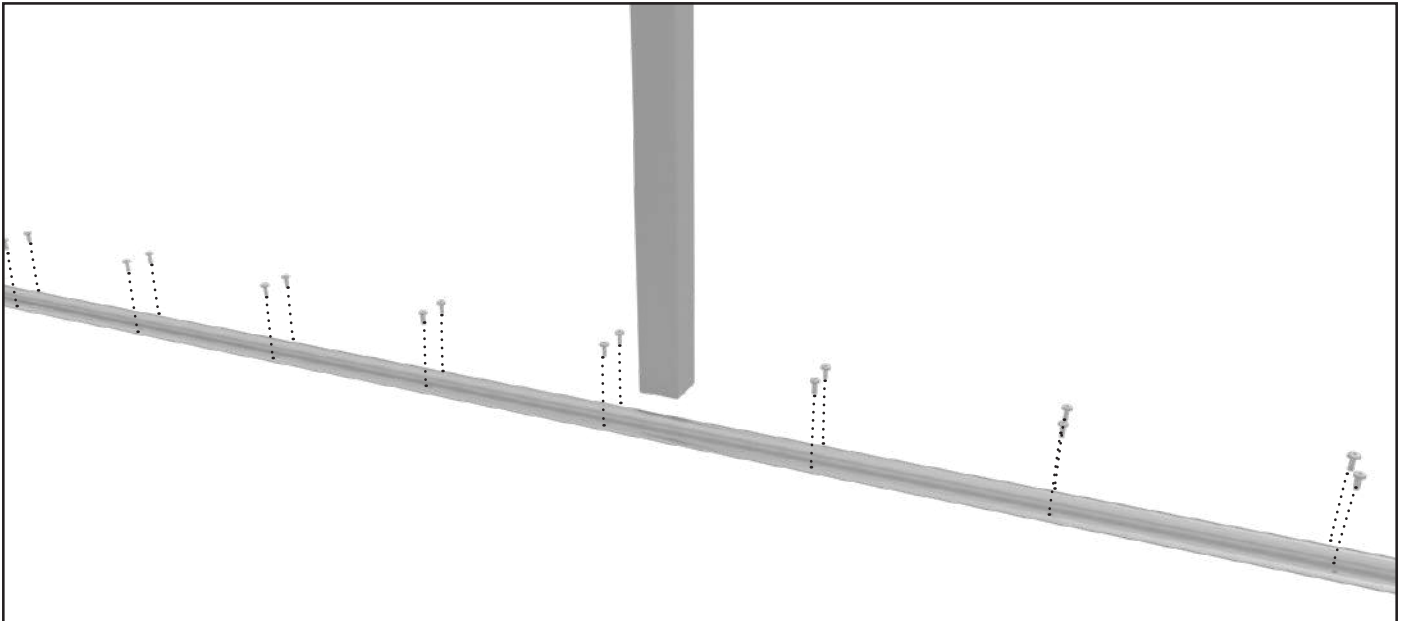
F Catch Installation



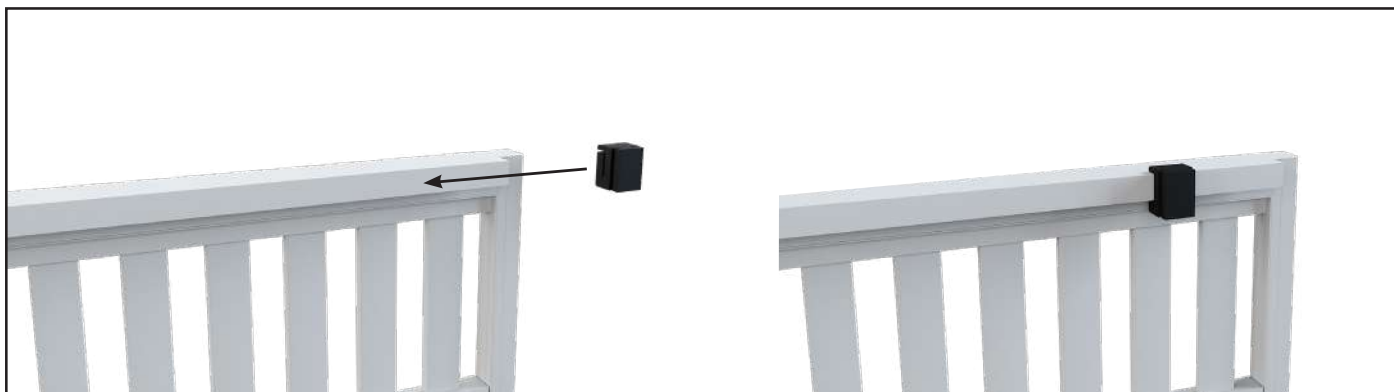
28 Choose from U catch or F catch and install steel posts as required with slide guide or roller guides and gate catch.



- 29 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 335a: measurement from inside edge of steel post to centre of track is 105mm
 Refer to step 33b: measurement from inside edge of steel post to centre of track can be from 100mm to 105mm



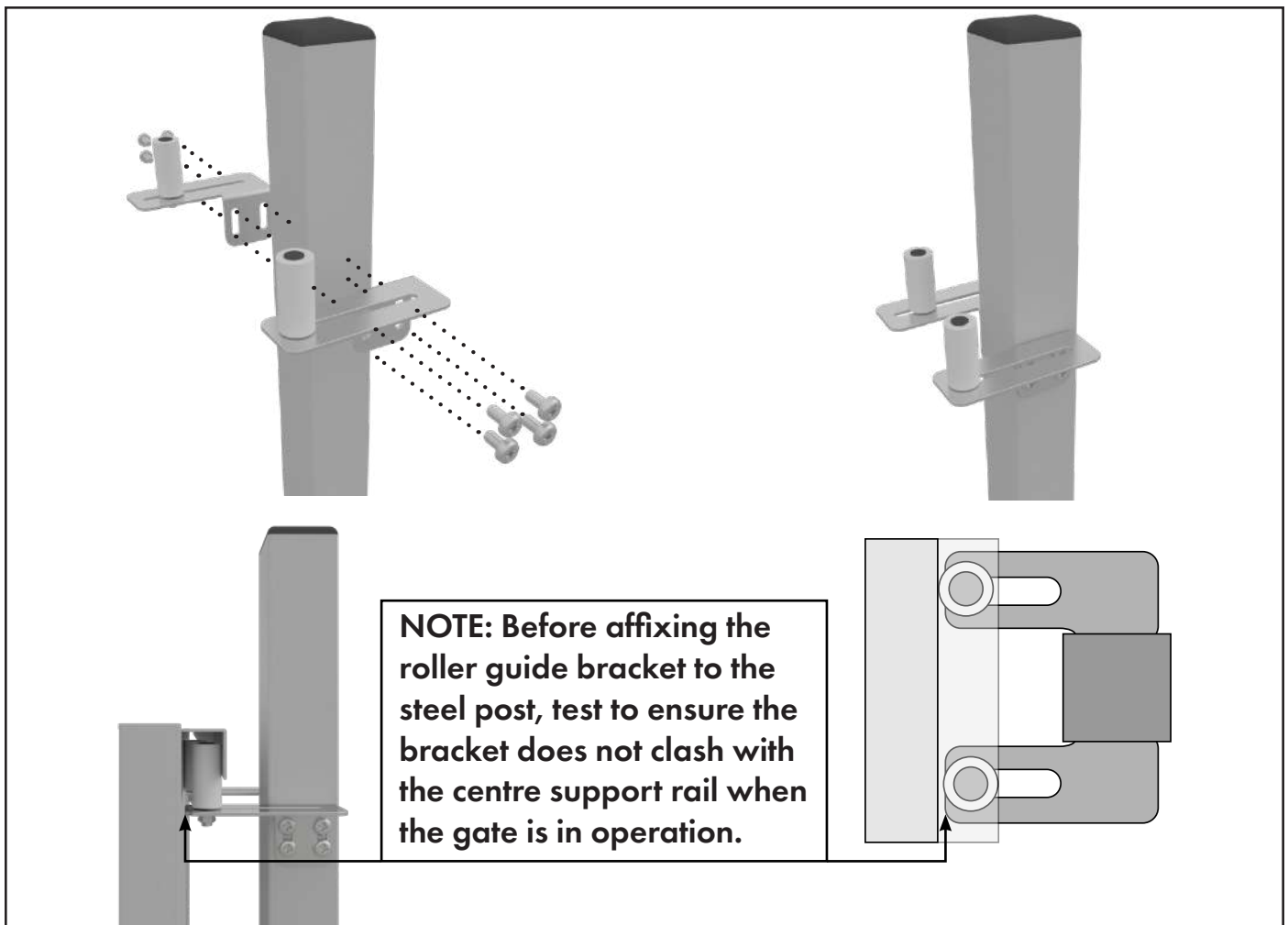
- 30 **TRACK INSTALLATION.**
STEEL TRACK - Using a 6.5mm masonry bit, drill 45mm deep holes in concrete at each pre-drilled slot in track.
ALUMINIUM TRACK - Pre-drill holes in track at 300mm intervals on each side of the raised roller guide using the die line as guide. Using a 6.5mm masonry bit, drill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



- 31** IF USING SLIDE GUIDE
Slide the slide guide onto the top rail.



- 32** 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.

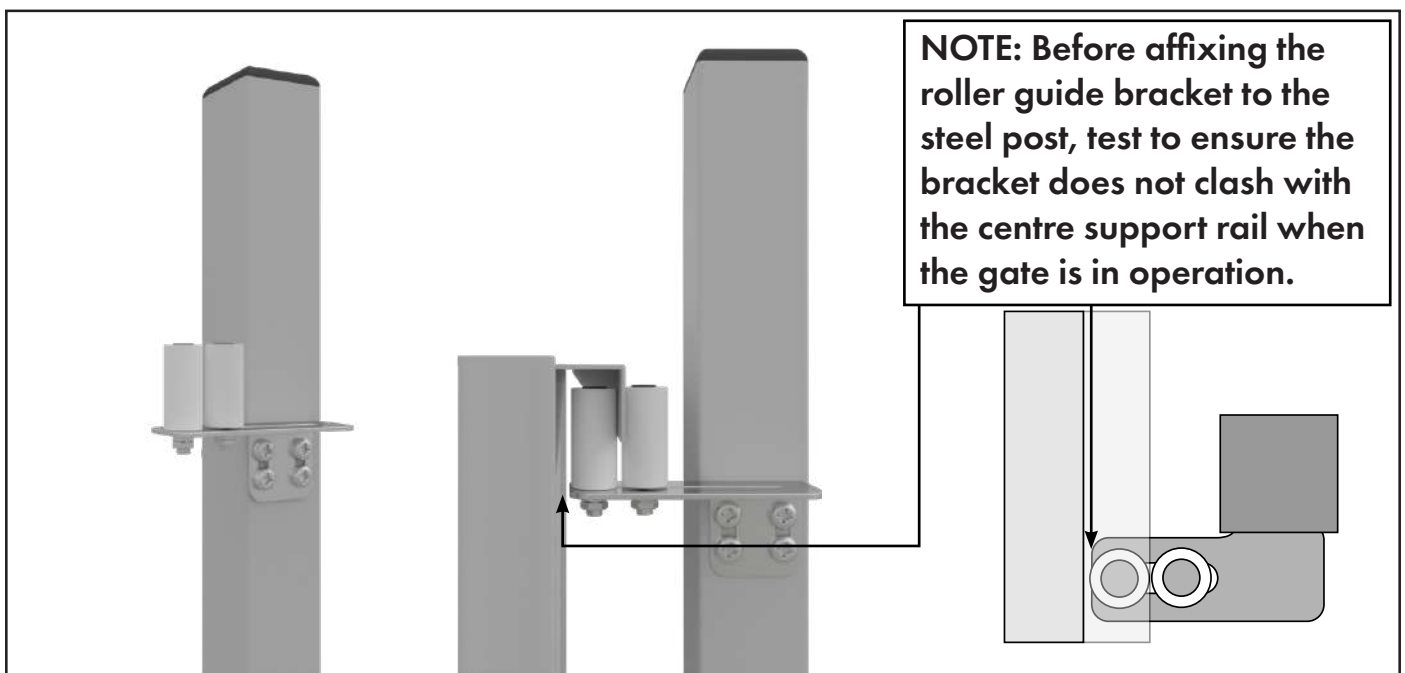


33a

IF USING ROLLER GUIDES

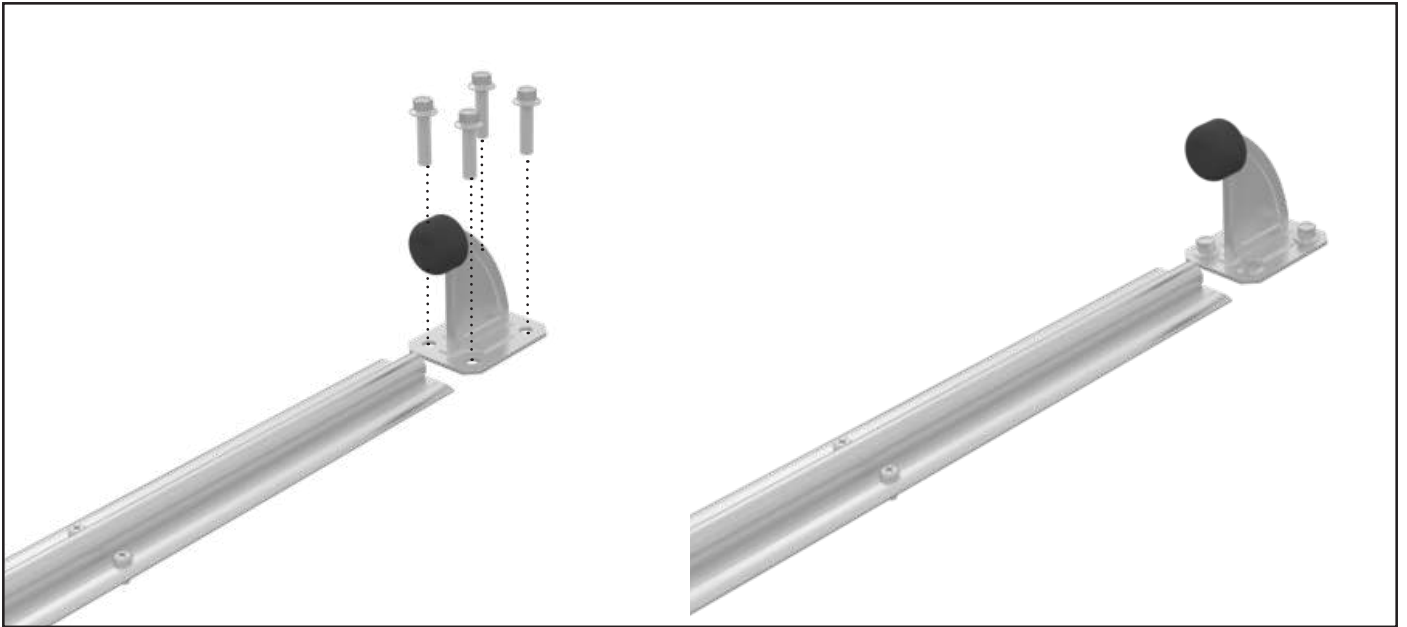
Affix roller guides to both side of 65x65mm post. Slide gate into place with both rollers internal of top rail channel. Adjust rollers forwards or backwards and ensure 1x roller is touching each side of inner channel.

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.

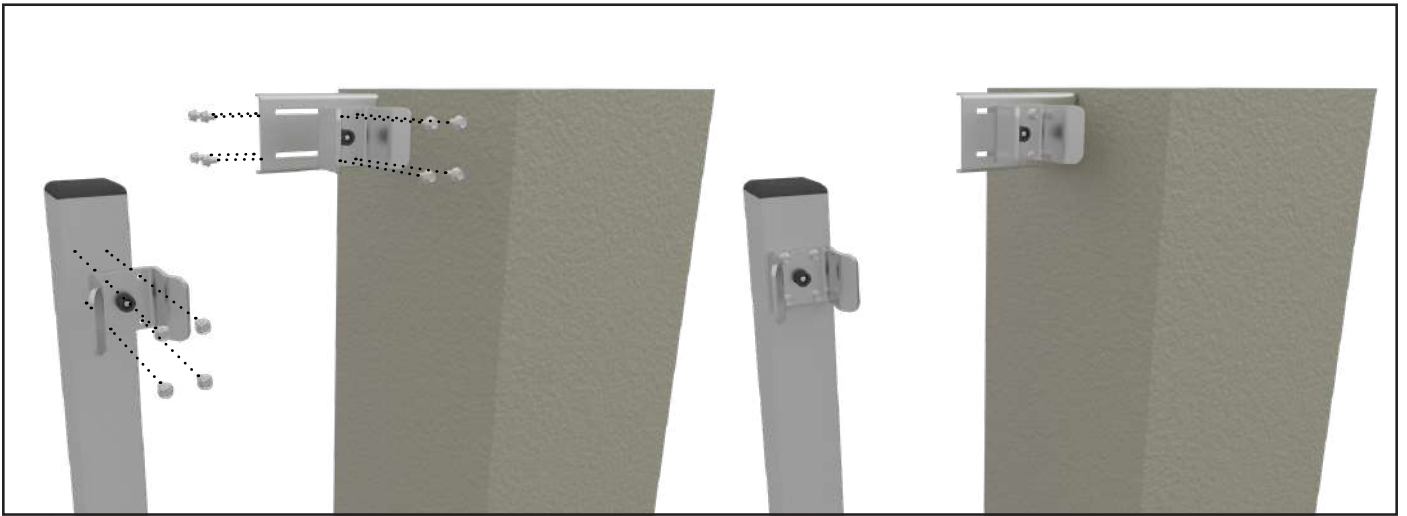


33b

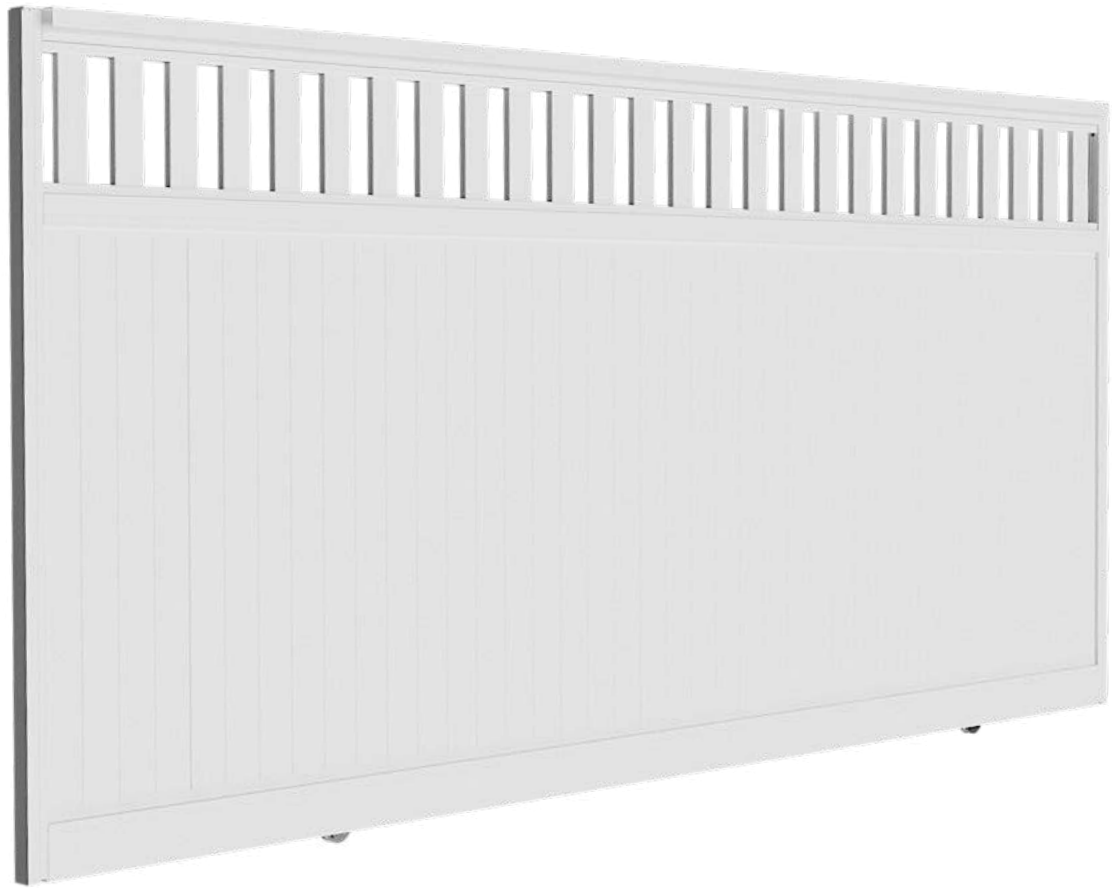
Alternative roller guide fixing method: Remove roller from 1 x roller guide bracket and fit to other bracket. Affix roller guide bracket to 65x65mm post, then slide gate into place with 1 x roller inside and 1 x roller outside of top rail channel. Adjust rollers forwards or backwards as needed.



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



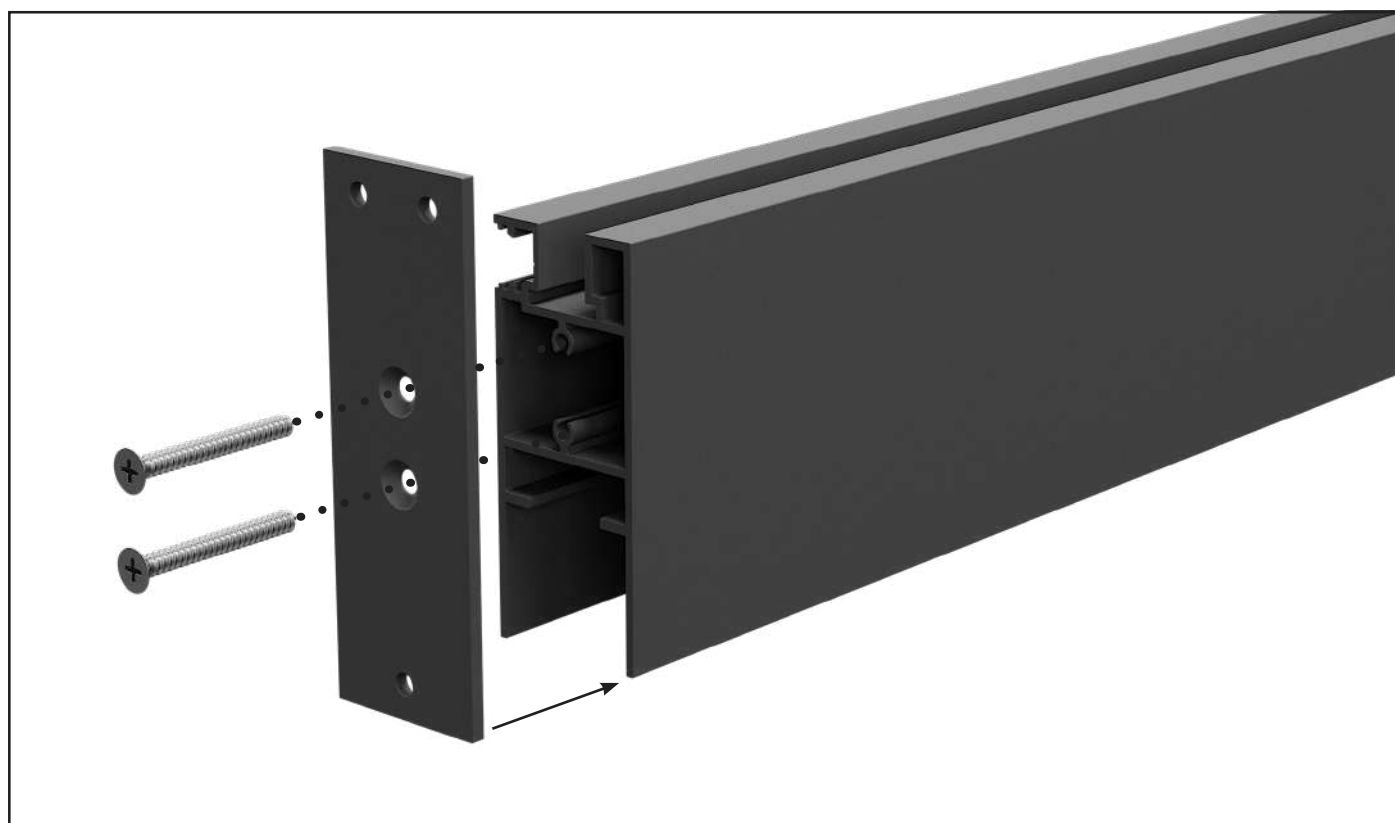
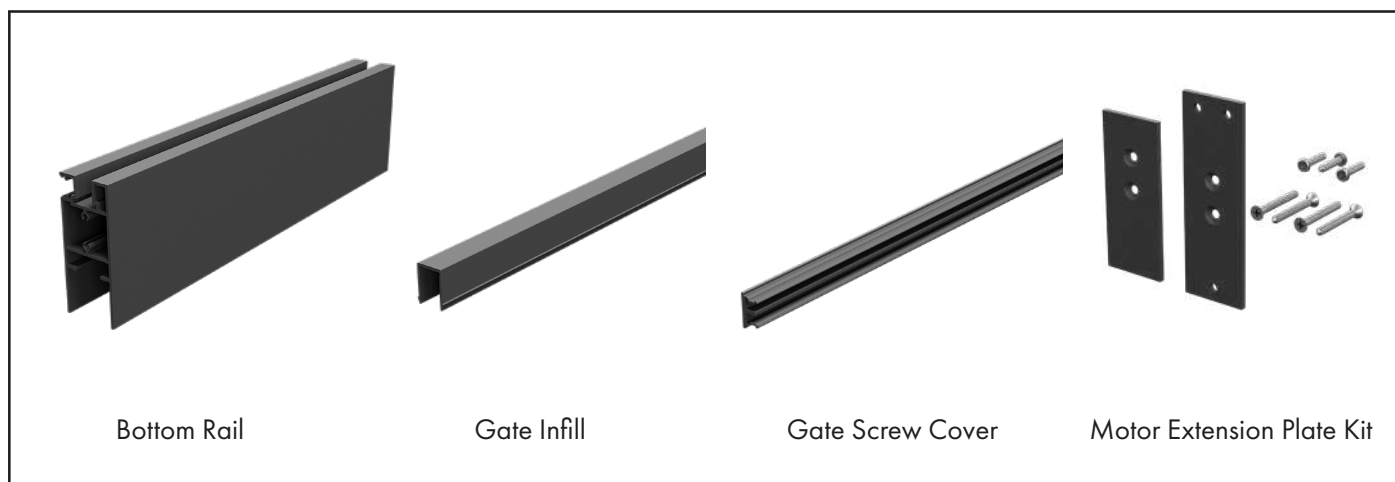
- 35 Attach the U catch to the 65mm steel post (or affix F catch to existing wall/pillar) to allow the gate to stop at the fully closed position (fixings not included).



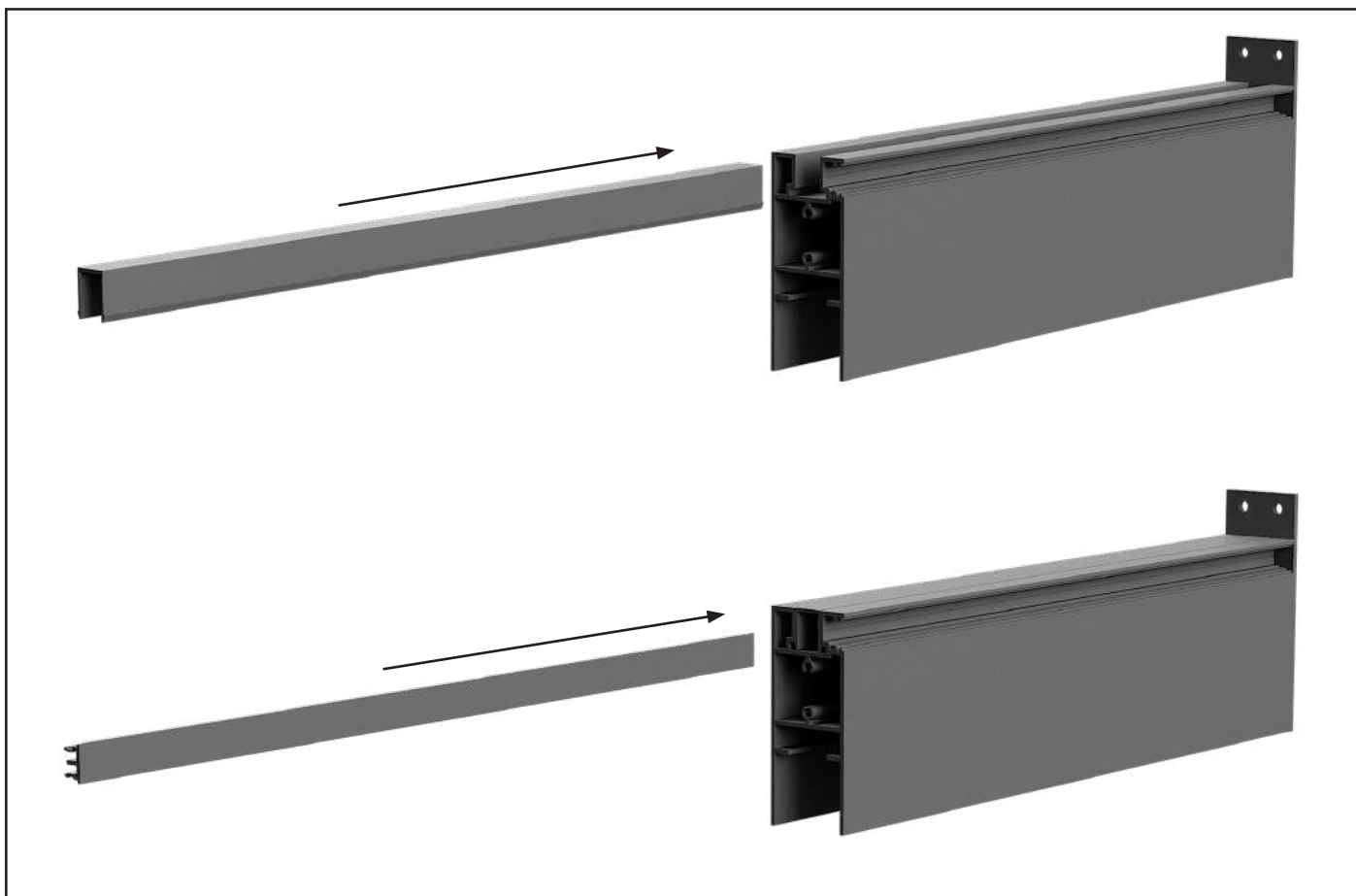
● Gate Fabrication complete.

APPENDIX 1

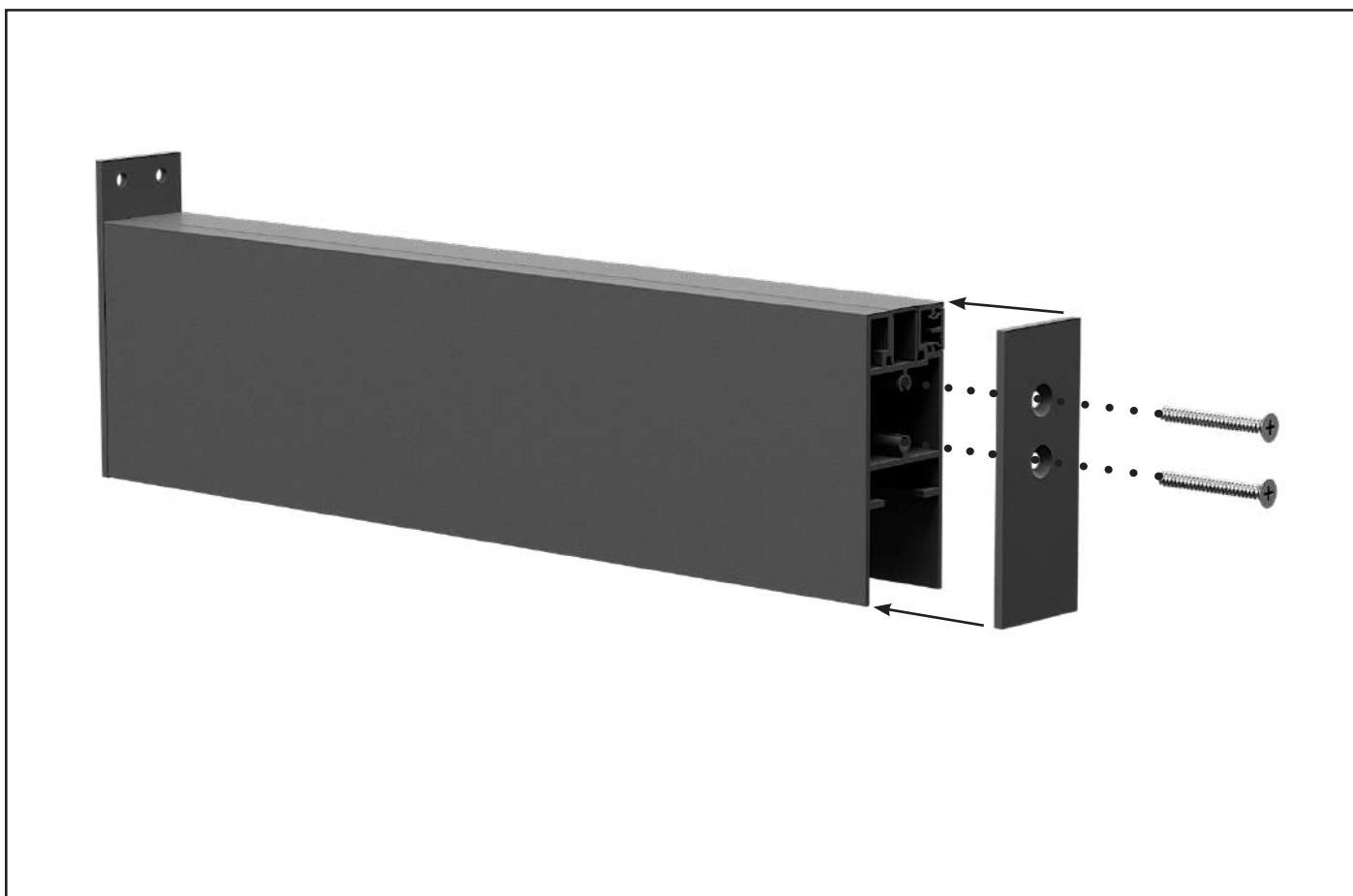
MOTOR EXTENSION KIT



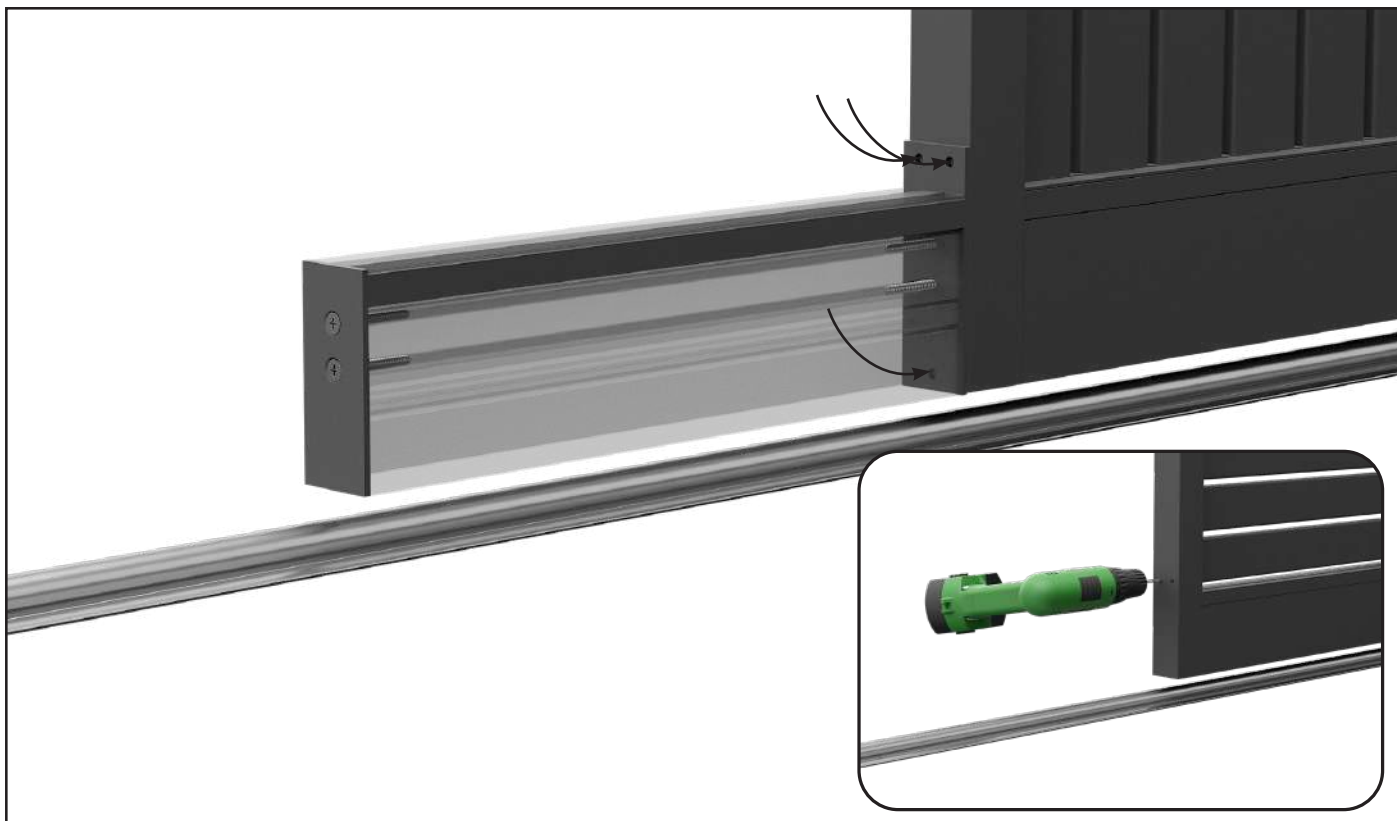
- i** Attach Fixing Plate to the Bottom Rail using 2 x CSK screws



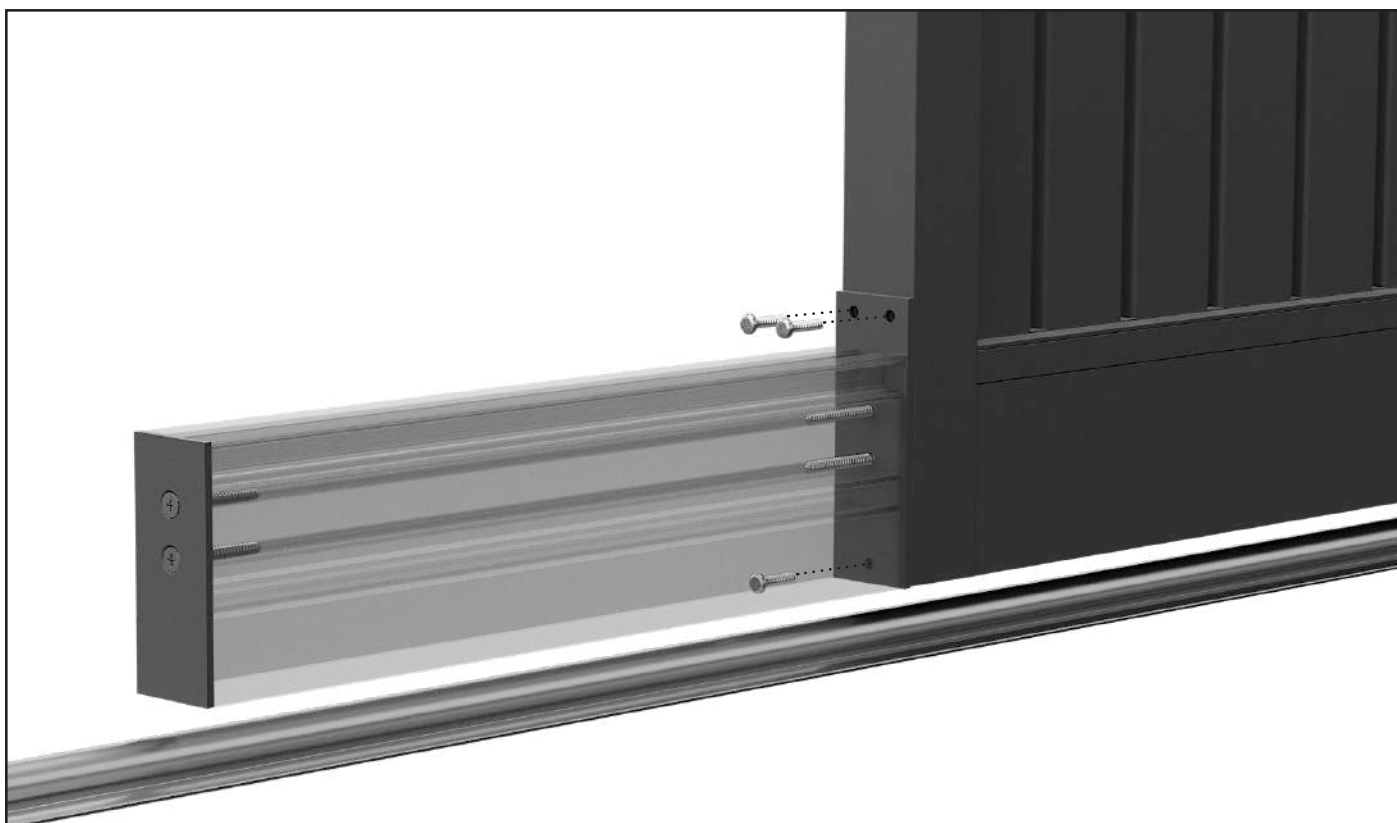
- ii Slide the Gate Infill and Gate Screw Cover into the Bottom Rail



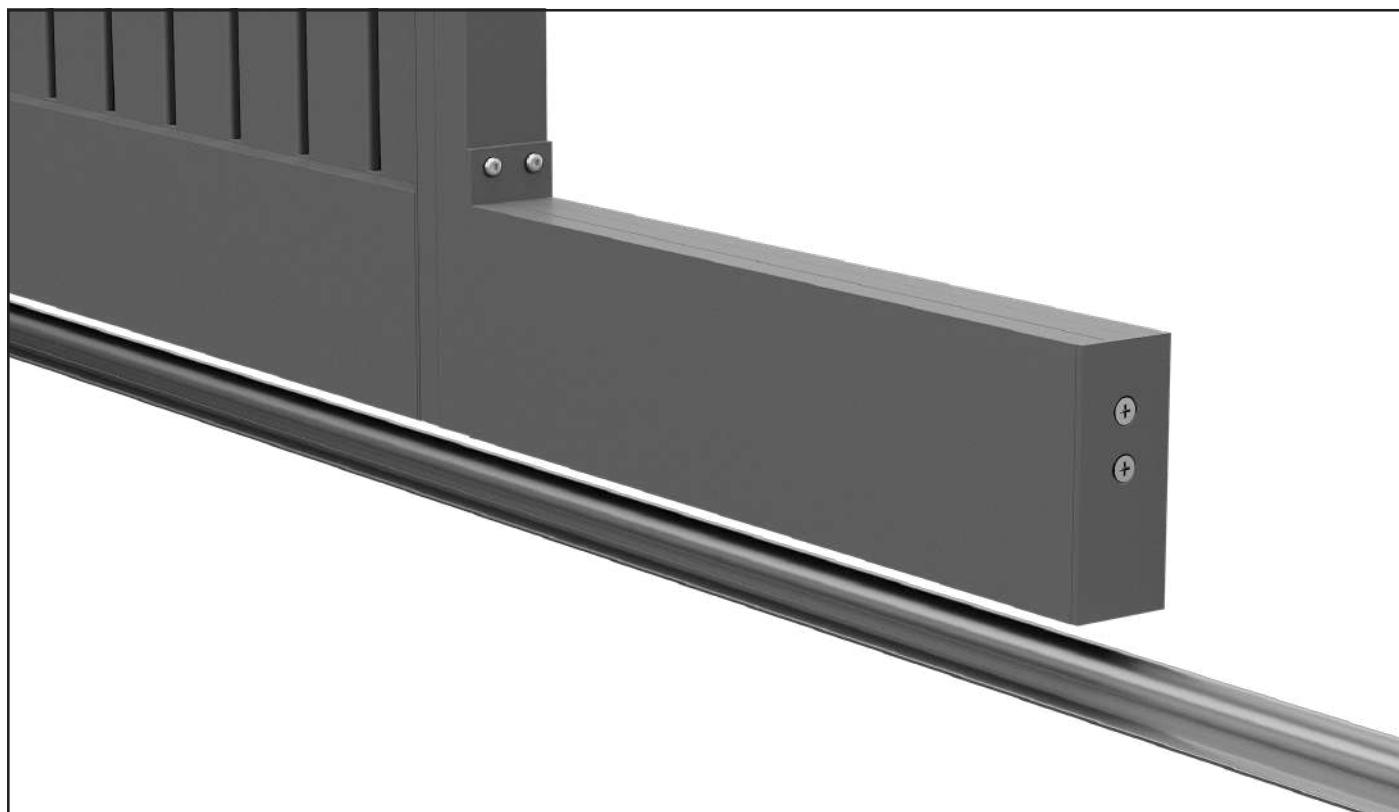
- iii Attach the End Plate to the Bottom Rail using 2 x CSK screws



- iv Position Motor Extension against the Gate Side Frame with the Fixing Plate level with the bottom. Mark and predrill 3 x 4mm holes.



- v Secure the Motor Extension to the Sliding Gate Side Frame with 3 x 25mm Panhead screws.



● Completed Motor Extension