

NEW

ZEUS SECURITY

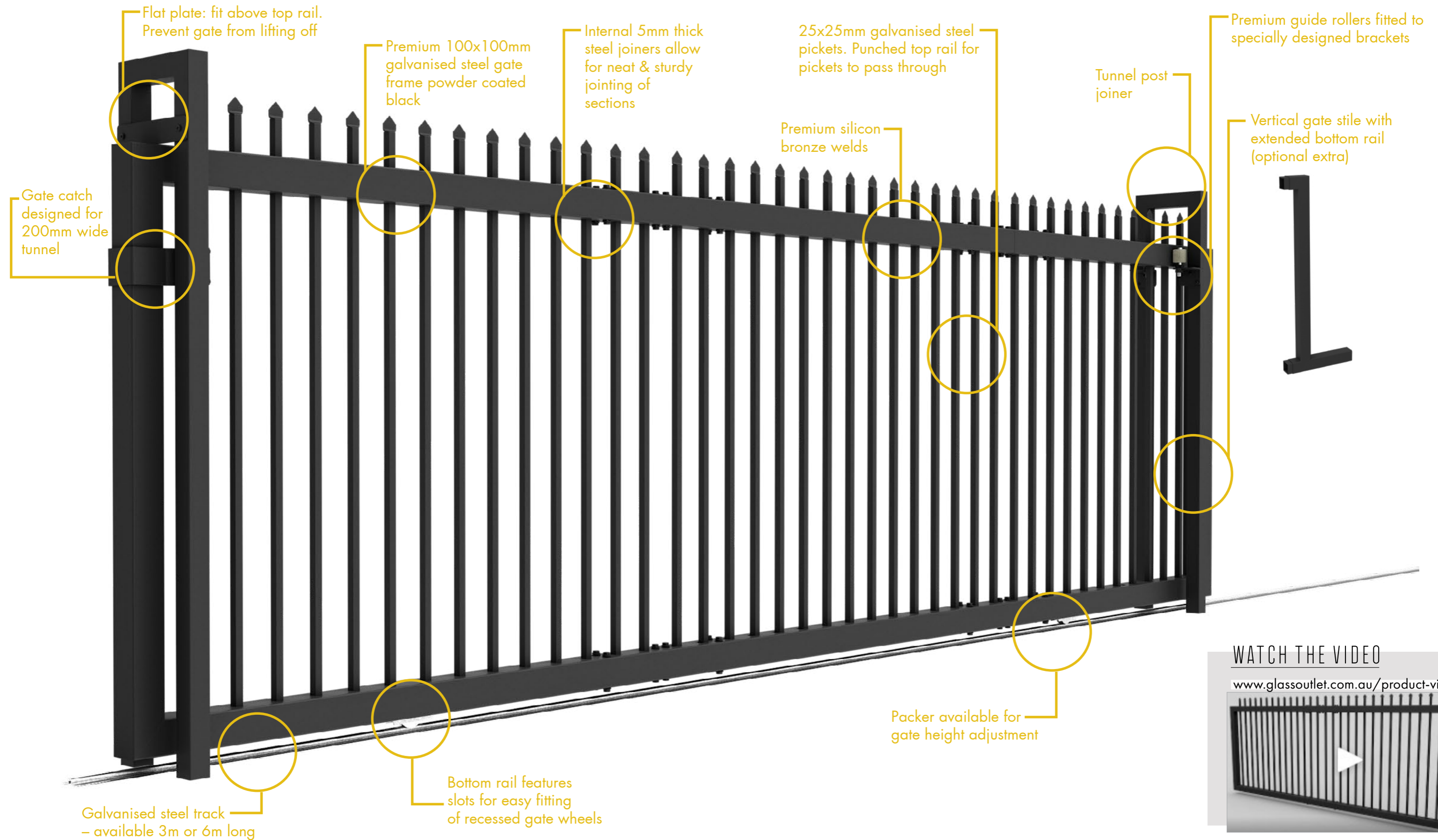
SLIDING GATE COMPLETE SYSTEM

HUGE SAVINGS ON SECURITY SLIDING GATES

MODULAR SYSTEM - ADD PANELS TO EXTEND WIDTH MODULES

BUILD ONSITE OR IN WORKSHOP

INNOVATIVE EASY + FAST ASSEMBLY — PATENT PENDING

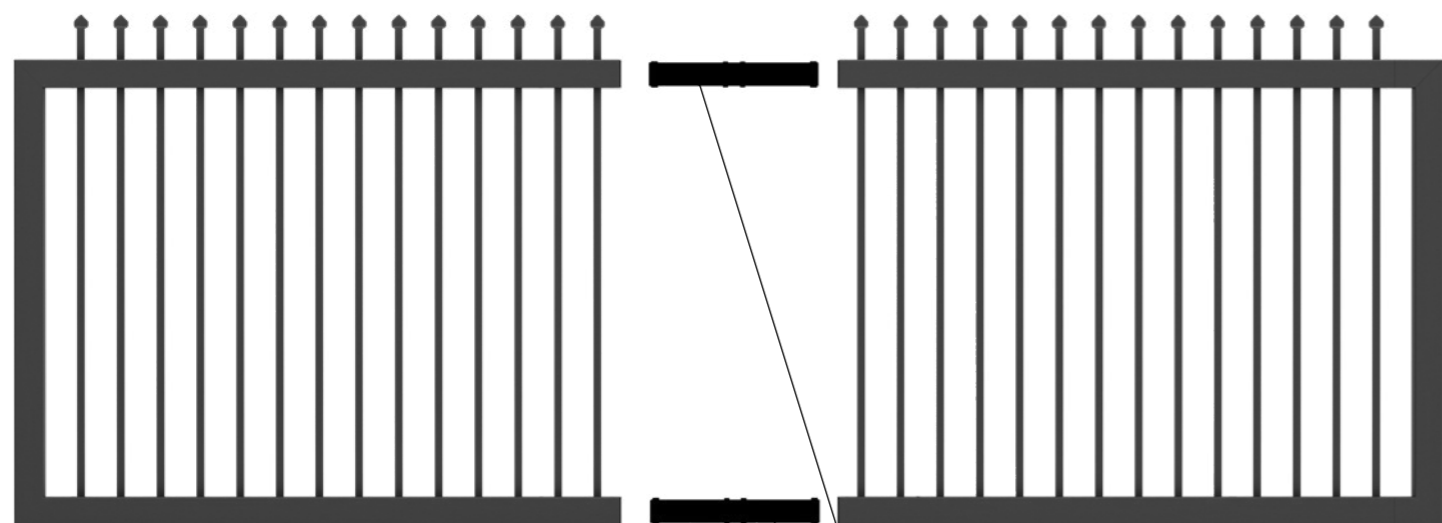


WATCH THE VIDEO

www.glassoutlet.com.au/product-videos



ZEUS STEEL SLIDING GATE KIT



Designed to compliment 1800mm or 2100mm high installed Zeus fence panels

Zeus steel sliding gate kit

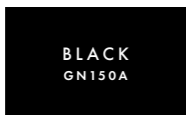
1790MM or 2090MM H x 4260mm W

Order Code: **ZF-SG-4260-1790** (Approx 159kg nett)
ZF-SG-4260-2090 (Approx 172kg nett)

Kit includes:

- 1 x left side at 2130mm wide
- 1 x right side at 2130mm wide
- 2 x 595mm long heavy duty internal joiners - hot dip galvanised
- 2 x Plastic bottomrail caps - UV stabilised black
- Hardware joiner fixing kit: 25x M12x25mm bolts; 25x T3mm flat washers & 25x spring washers
- Drill jig (only required if width adjusting)

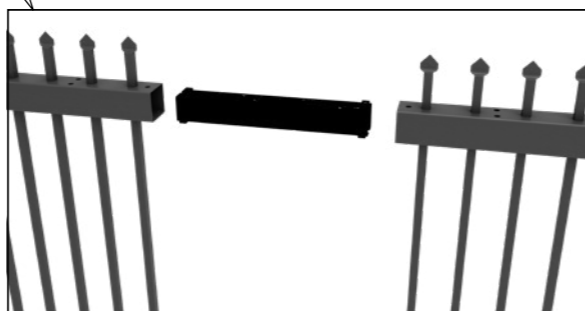
Powder coat colours —
 Genuine Interpon powder coat



100x100mm punched rails
 allow pickets to pass through
 to provide a neat finish



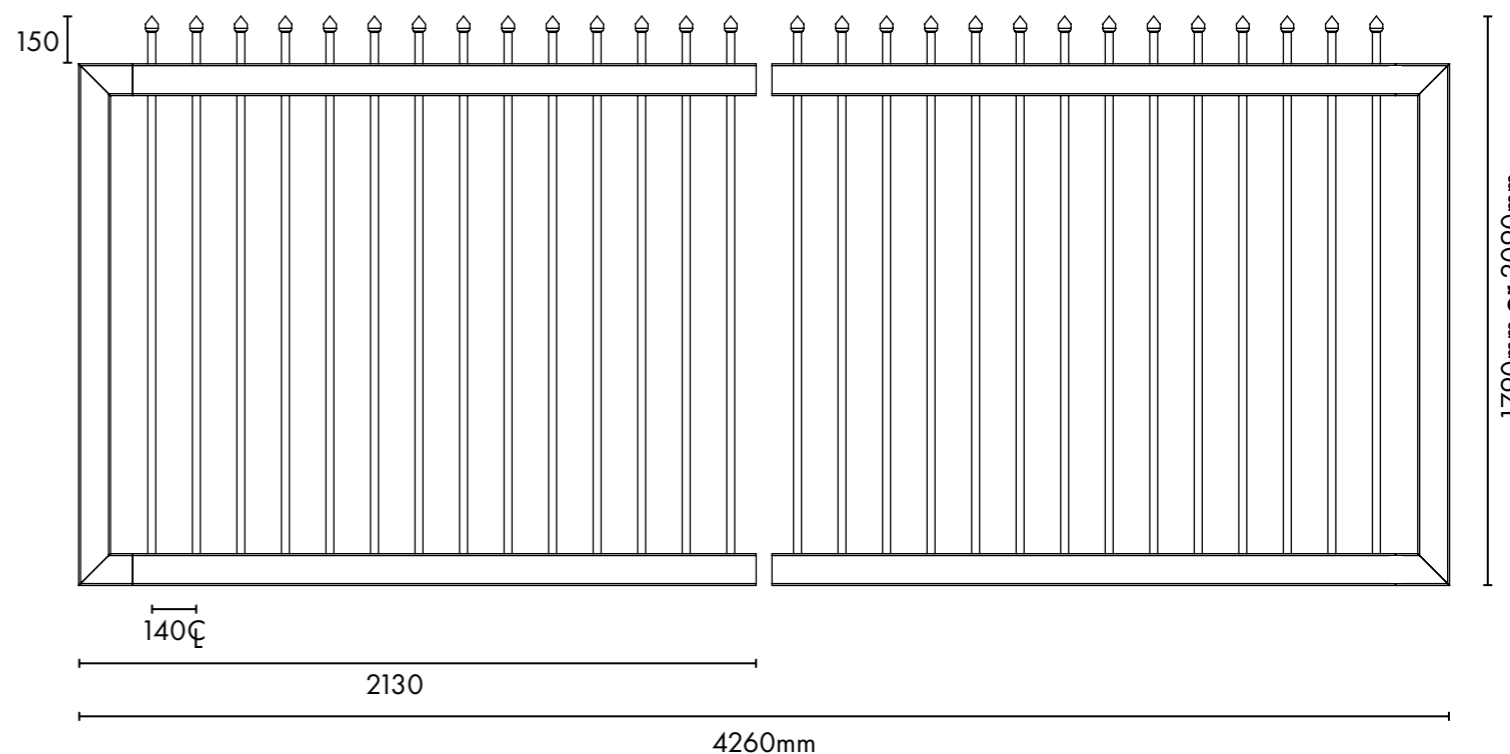
PATENT PENDING ASSEMBLY METHOD



Kit inclusions:



ZEUS STEEL SLIDING GATE - TECH INFO

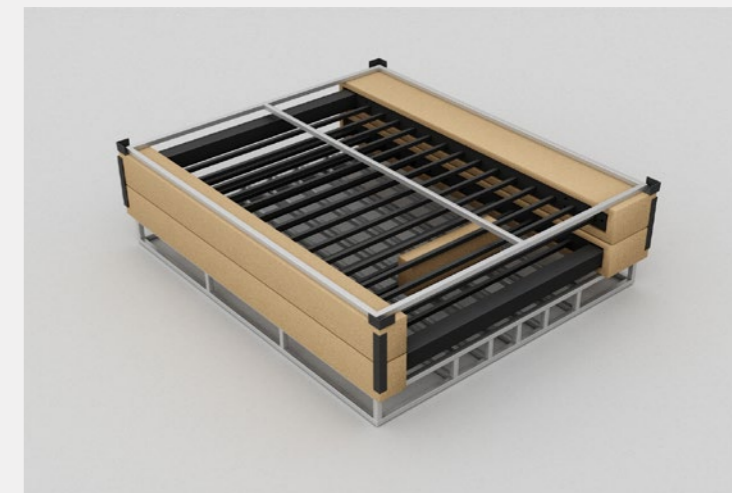


FEATURES

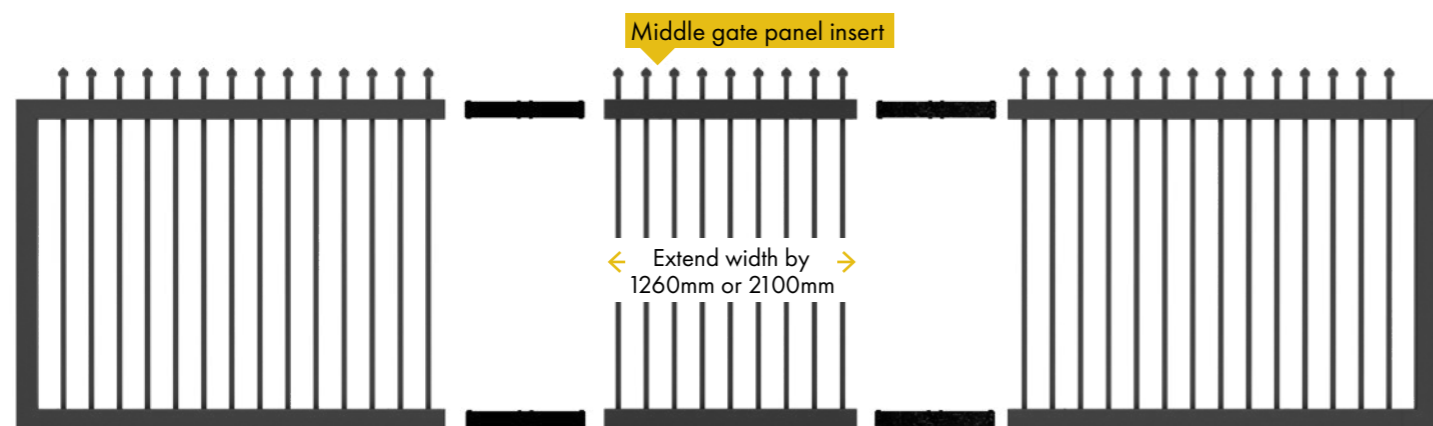
- Genuine trade quality heavy duty sliding gate
- Gate frame made from premium 100x100mm SHS 3mm thick steel
- Pickets 25 x 25 x 1.2m press top - passes through punched top rail
- All welds silicon bronze
- Kit form - left and right sides make up to 4260mm wide gate
- Add middle modular sections to make gates up to 8500mm wide
- Easily width adjustable - 1 x gate end removeable. Simply remove pre-assembled vertical side stile by unbolting, cut width to size and re-install. The removeable vertical side end should always be positioned on motor side
- Middle extension panels - holes pre-drilled for easy assembly with internal slotted joiners
- Internal joiners made from heavy duty 5mm thick steel & hot dip galvanised powder coated black. 12 x bolts per joiner ensures high strength
- Fast and easy assembly onsite or in factory

+ SIMPLE TRANSPORT SOLUTION

- Complete gate kit prepacked into steel pallet for forklift loading/unloading
- Ideal for storage & transporting
- Cost effective to send Australia wide
- No need for specialised transport to handle/move



ZEUS STEEL SLIDING MIDDLE GATE



Designed to compliment 1800mm or 2100mm high installed Zeus fence panels

Zeus steel middle sliding gate panel

1790MM or 2090MM H x 1260mm W or 2100mm W

Order Code: ZF-SG-M-1260-1790 (1260mm W x 1790mm H) (Approx 36kg nett)

ZF-SG-M-2100-1790 (2100mm W x 1790mm H) (Approx 38kg nett)

ZF-SG-M-1260-2090 (1260mm W x 2090mm H) (Approx 58kg nett)

ZF-SG-M-1260-2090 (2100mm W x 2090mm H) (Approx 63kg nett)

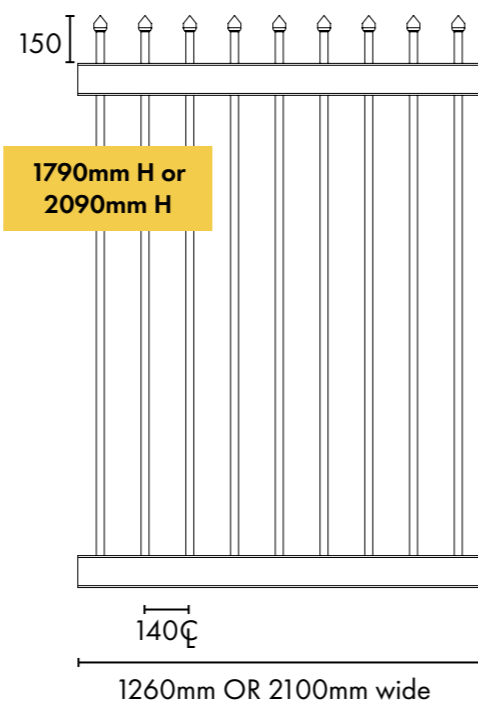
- Extend the sliding gate. Select module as required and extend gate width by a further 1260mm or 2100mm
- Extend gate width by adding up to 2 extra middle gate panels
- Middle panels have pre-drilled holes top & bottom rail for bolting together with internal joiners
- Black powder coated galvanised steel
- For each extra module added, a joiner kit is required (sold separately)

Powder coat colours —
Genuine Interpon powder coat

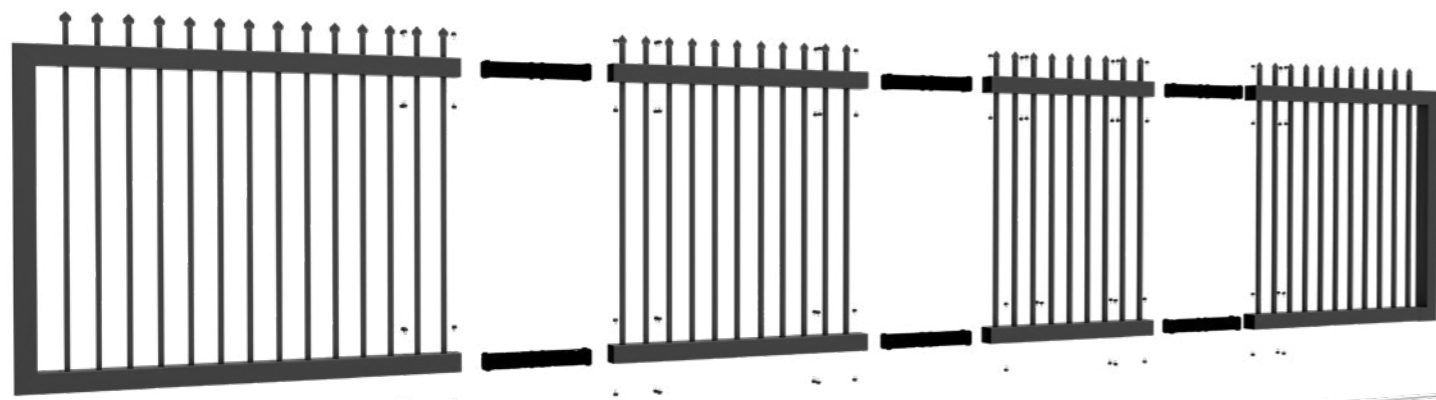


TRADE TIP

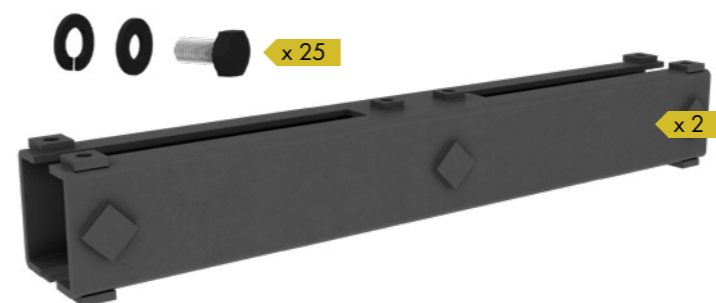
If width adjustment of gate required, do not cut at middle panel joins. Always width adjust by cutting at the gate end with the removeable vertical stile



ADD UP TO 2 MIDDLE GATE PANELS TO EXTEND GATE WIDTH



ZEUS STEEL SLIDING GATE - HARDWARE

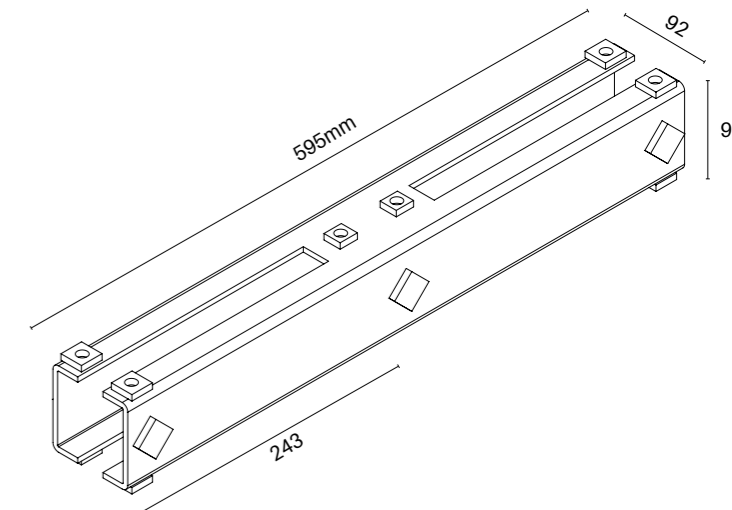


Joiner Kit

2 PACK

Order Code: ZF-SG-J-2PK

- 2 x 595mm long heavy duty internal joiners
- Use if extending gate width by adding middle gate panel. Each middle gate panel requires 1 x joiner kit
- 5mm thick heavy duty hot dip galvanised steel powder coated black
- Slotted top & bottom so pickets can pass through
- Each joiner has 12x threaded holes for accepting bolts
- Kit includes 2 x joiners; 25 x M12x25mm bolts powder coated black; 25 x T3mm flat washers & 25 x spring washers



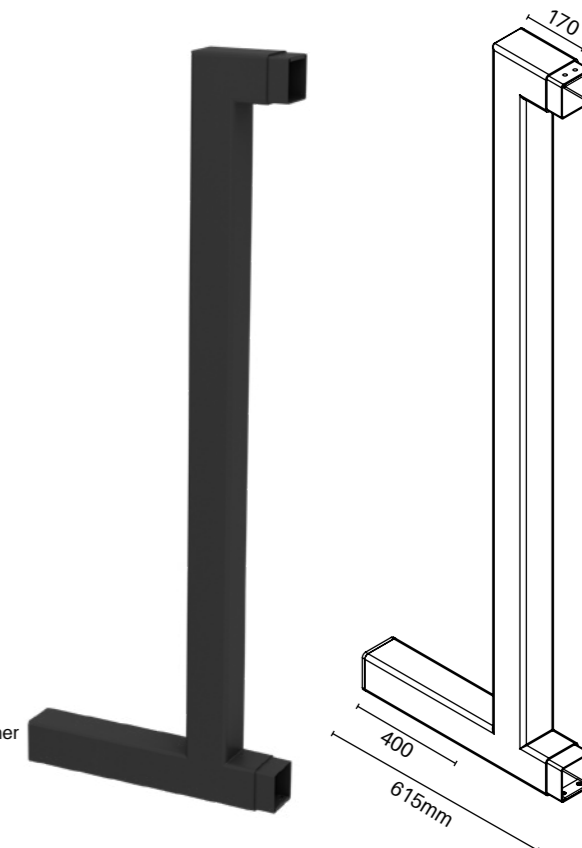
Vertical gate stile with extended bottom rail

1640MM OR 1940MM H

Order Code: ZF-SG-VGS-1790 (1640 H suits 1790 H gate)

ZF-SG-VGS-2090 (1940 H suits 2090 H gate)

- To install, remove pre-installed vertical stile on gate end and re-install with extended leg option
- Suggested to use if finished sliding gate width needs extra width for gate motor installation. Instead of adding another middle gate panel, gate width may be extended at end by 400mm with extended leg
- Features threaded holes that line up with gate holes for quick & easy bolting together
- Black powder coated galvanised steel



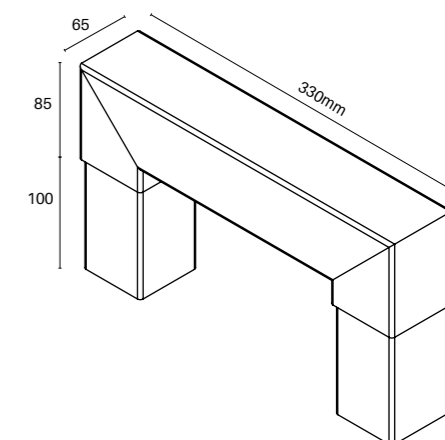
Tunnel post joiner

330MM

Black finish

Order Code: ZF-SG-TUNNEL

- Sleeves into 2 x 65mm x 65mm steel posts to create a 200mm inner wide tunnel
- Posts sold separately
- Suggested to use tunnel post at both ends of sliding gate and affix with anti tamper screws
- Black powder coated galvanised steel

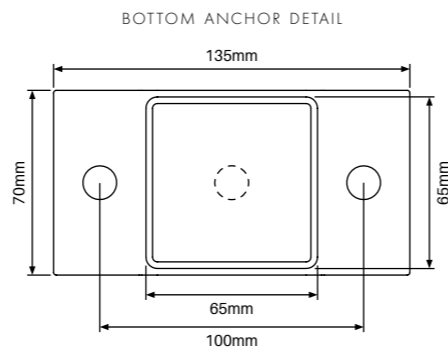


ZEUS STEEL SLIDING GATE - HARDWARE

65x65mm steel post

2400MM OR 2700MM H
Black finish
Order Code: ZF-2400/2700-B

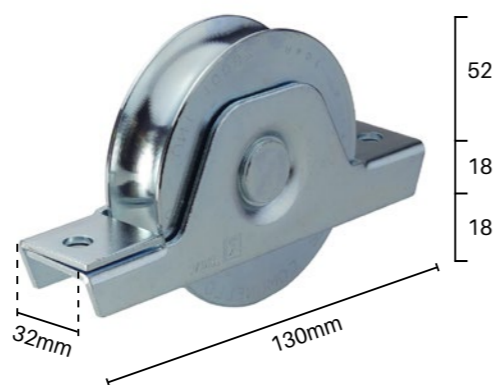
- 65mm x 65mm galvanised steel post powder coated black
- Available in 2400mm and 2700mm high
- 2.5mm wall thickness
- Includes welded on 8mm thick bottom plate with 2x Ø13mm holes - ideal for strong anchoring of core drilled posts
- FREE top cap included
- For sliding gates, due to weight of gates, we recommend core drilling posts
- To create tunnel post: install 2x 65mm posts next to each other allowing for a 200mm daylight opening, remove top caps & insert tunnel post joiner and affix with anti tamper screws



Sliding gate wheel

Order Code: ZF-SG-GATEWHEEL

- 90mm diameter with 20mm diameter groove
- Recessed fitting into gate bottom frame. Gate frame pre-slotted for wheel replacement
- Zinc plated steel
- Features double bearings: 300kg rating per wheel
- Made in Italy
- Sold as a single wheel



Screw for gate wheel

4 PACK

Order Code: ZF-SG-TAPTITE-4PK

- M8x30mm Taptite screw: 4 pack
- Use to affix gate wheel to bottom rail. Each wheel requires 2x Taptite screws
- Hex flange head
- Special trilobular thread forming screw. Superior resistance to vibrational loosening
- Pilot hole drill 7.3mm into gate bottom frame hole. Taptite screw will create thread while driving in

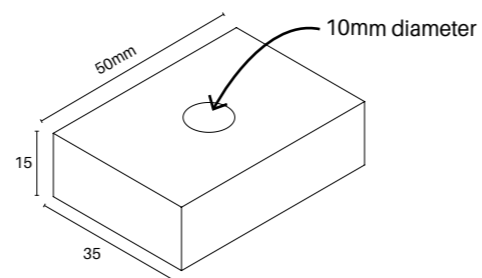
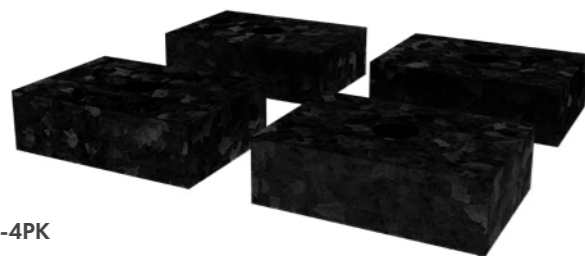


15mm Packer

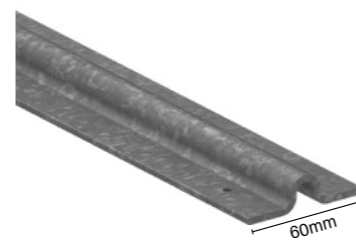
4 PACK

Order Code: ZF-SG-PACKER-4PK

- Allows height increase of Zeus sliding gate height by 15mm
- Position packer in between gate wheel and bottom rail
- Suits sliding gate wheel
- Hot dip galvanised steel powder coated black



ZEUS STEEL SLIDING GATE - HARDWARE



Steel sliding gate track

3000MM LONG OR 6000MM LONG
Order Codes:
XPSG-3000-TRACK-ST (3000mm)
XPSG-6000-TRACK-ST (6000mm)

- Available 3000mm or 6000mm long
- Made from 3mm galvanised steel for durability
- Bolt down sliding gate track with a Ø20mm running surface
- Easy to install with predrilled fixing holes (22 holes for 3000mm track and 42 holes for 6000mm track)



Sliding gate track pins

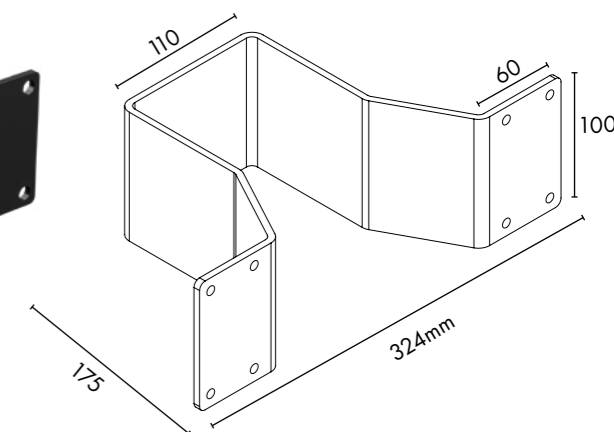
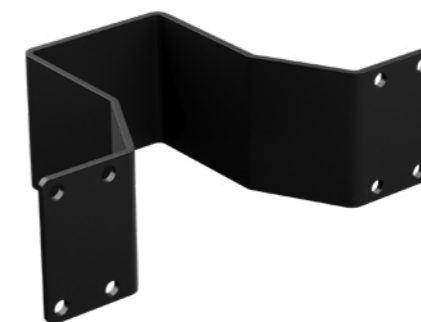
Order Code: XPSG-ANCHOR

- Mushroom head galvanised steel track anchor pins
- 6.5mm x 38mm
- Pre-expanded expansion anchor. Once hammered in, unique kinked shaft provides a spring action for vibration proof anchoring. Use 6.5mm masonry bit into concrete

Gate catch

Order Code: ZF-SG-TPCATCH

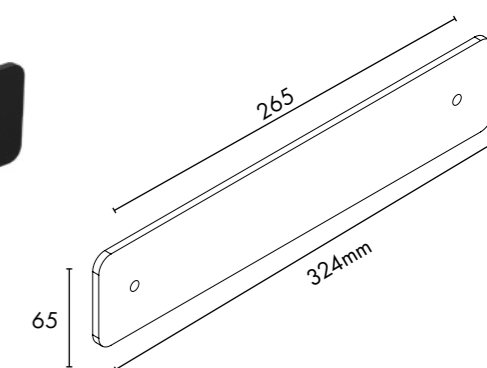
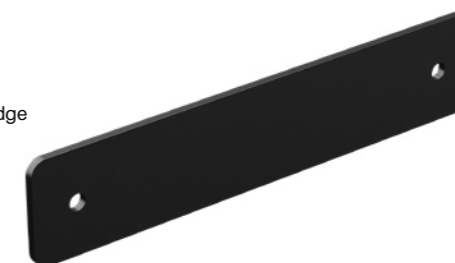
- 5mm steel hot dip galvanised powder coated black
- Suits tunnel posts configuration with 200mm wide tunnel
- Total of 8x 7mm diameter fixing holes
- Sliding gate should stop approx. 20mm short of gate catch end



Security top plate

Order Code: ZF-SG-TPPLATE

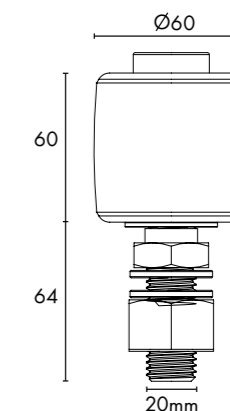
- 324mm wide flat plate with fixing holes both ends
- 5mm steel hot dip galvanised powder coated black
- Optional extra security feature to install on the gate leading edge tunnel post for when gate in closed position
- Install plate just above gate top frame to prevent gate being lifted off track
- 2x 7mm diameter fixing holes
- Anti tamper proof screw fixing recommended



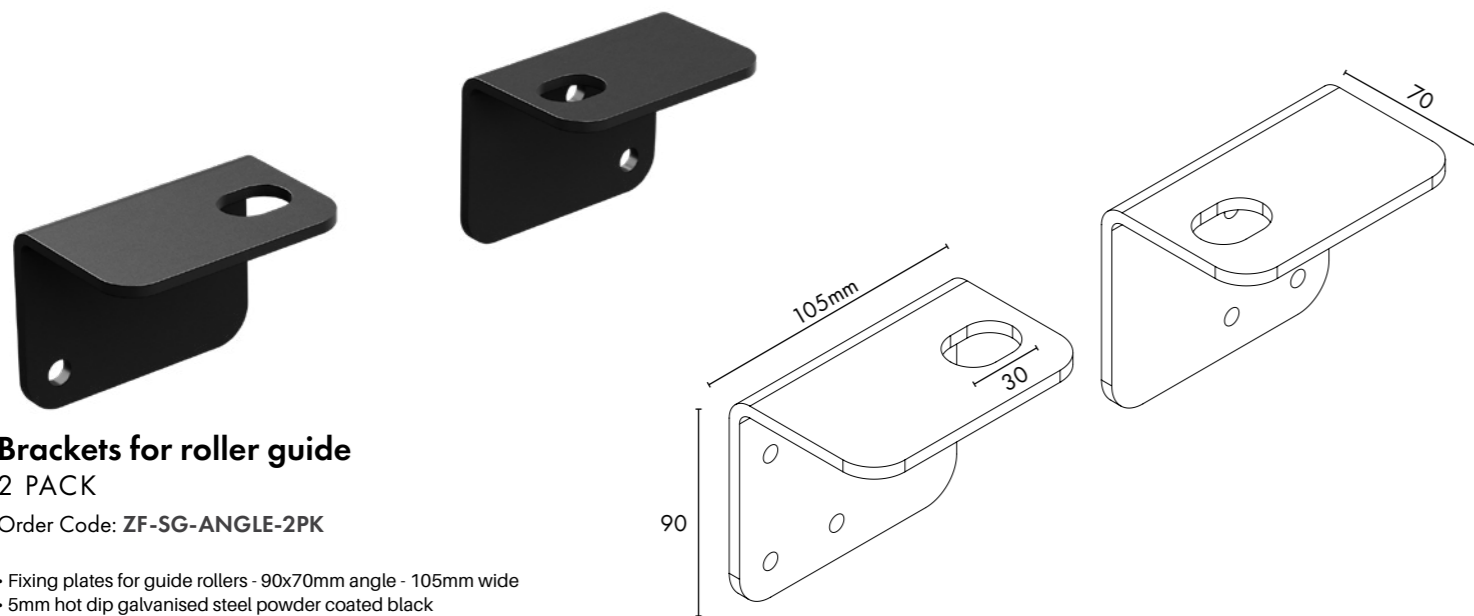
Guide roller

Order Code: ZF-SG-GUIDEROLLER

- 60mm diameter roller x 60mm long with M20 thread
- Premium roller featuring ball bearings with stainless steel bearing cage
- Made in Italy
- Assemble onto posts with specially made plates - refer code: ZF-SG-ANGLE-2PK
- Sold as single guide roller. 2 required per gate installation



ZEUS STEEL SLIDING GATE - HARDWARE



Brackets for roller guide

2 PACK

Order Code: ZF-SG-ANGLE-2PK

- Fixing plates for guide rollers - 90x70mm angle - 105mm wide
- 5mm hot dip galvanised steel powder coated black
- 2 pack: 1x left bracket and 1x right bracket
- 30 x 22mm slotted hole for guide roller installation. Slotted hole allows final adjustment of guide roller position
- Pre-drilled for fixing to posts & slotted hole for M20 guide roller thread
- 4x 7mm diameter fixing holes per bracket
- Made to suit 200mm wide tunnel post opening

Anti tamper screws

25 PACK

Order Code: ZF-SECURESCREW-25PK

- 12G x25mm long button head anti-tamper screw.
- 10mm diameter button head
- Black powder coated
- Respected "Pentaforce" brand
- Requires special drive bit for fixing: refer code ZF-PENTAFORCE-BIT
- Recommended to use for fixing of :
 - Catch to tunnel post
 - Roller guide angle brackets to posts
 - Security top plate to posts
 - Tunnel post joiner to posts
 - Can also be used for affixing panel brackets to posts for fence panels



Drivebit for anti tamper screws

Order Code: ZF-PENTAFORCE-BIT

- Required for fitting of Pentaforce anti-tamper screws
- Sold as single drive bit



ZEUS SLIDING GATE - HOW TO ORDER

STEP 1 - SELECTING A HEIGHT

- Determine height of the sliding gate required. Sliding gates are either 1790mm or 2090mm high.
- The 1790mmH gate compliment 1800mmH installed security fence panels. The 2090mmH gate compliments 2100mmH installed fence panels.
- Gate wheels and track must be taken into account which adds approximately 45mm to the finished gate height.

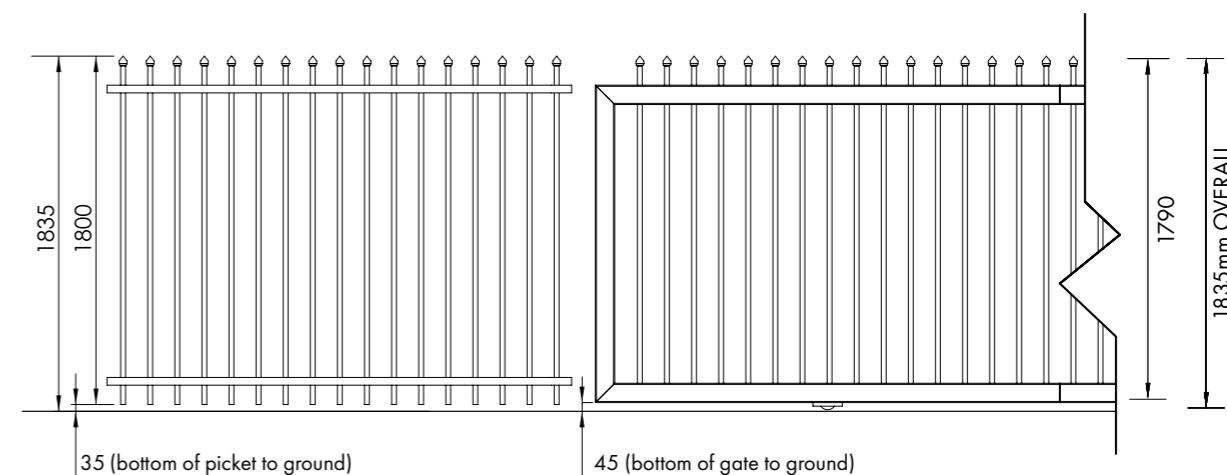
1790MM GATE TYPICAL CONFIGURATION

The overall height of gate is 1835mm having regard to track, wheels and gate.

If the top of sliding gate pickets are to align with adjacent fence panels, the fence panels should be installed with a 35mm gap from ground to bottom of picket.

**A 15mm gate height adjustment packer is available.

If used, the overall gate height increases to 1850mm. Adjacent fence panels therefore would require a 50mm gap from ground to bottom of picket.



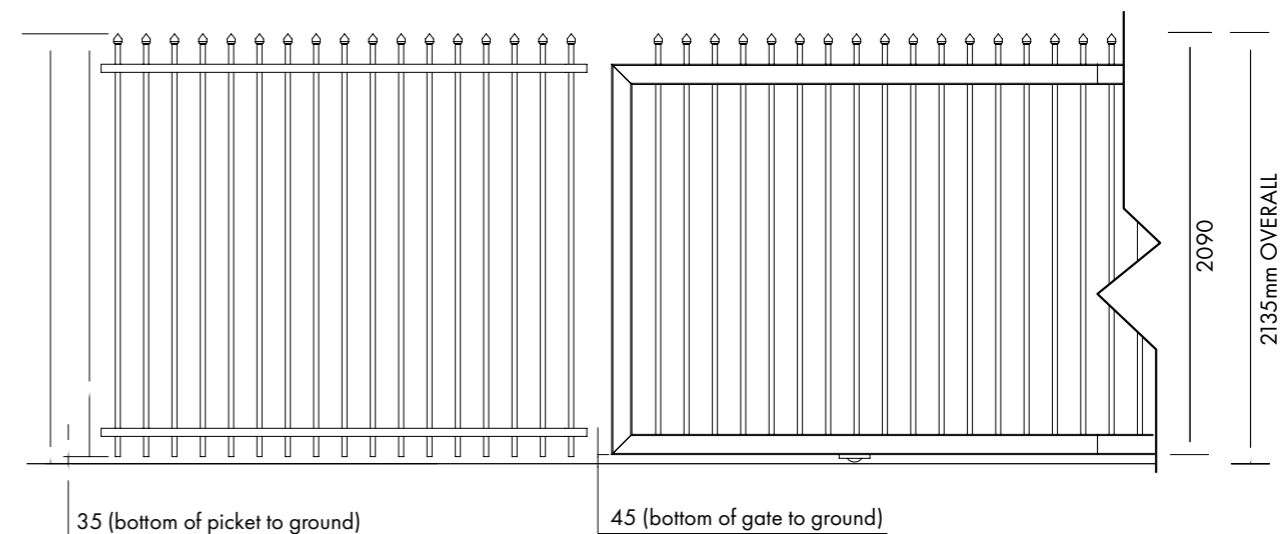
2090MM GATE TYPICAL CONFIGURATION

The overall height of gate is 2135mm having regard to track, wheels and gate.

If the top of sliding gate pickets are to align with adjacent fence panels, the fence panels should be installed with a 35mm gap from ground to bottom of picket.

**A 15mm gate height adjustment packer is available.

If used, the overall gate height increases to 2150mm. Adjacent fence panels therefore would require a 50mm gap from ground to bottom of picket.



ZEUS SLIDING GATE - HOW TO ORDER

STEP 2 - DETERMINE WIDTH

- Sliding gate kits are made 4260mm wide. If a narrower gate is required, it may be width adjusted.
- If a wider gate is required, modular middle panels are available at either 1260mm or 2100mm wide.
- Add up to 2 extra middle gate panels to achieve desired width up to a maximum of 8500mm wide.
- Gates may be width adjusted by removing end vertical stile, cutting a section and reinstalling gate end stile.

TIPS : Ensure the gate protrudes past the opening at least 400mm to allow for gate motor installation. If middle gate sections are added to extend width, a joiner kit is required per mid gate panel. If a slight extension is required at gate end for a motor, an optional extra vertical gate stile with extended bottom rail is available to extend the gate end by 400mm.

Reference codes:

For gate kits 1790mm high : ZF-SG-4260-1790

For mid panels 1790mm high : ZF-SG-M-1260-1790 (1260mm wide) or ZF-SG-M-2100-1790 (2100mm wide)

For gate kits 2090mm high : ZF-SG-4260-2090

For mid panels 2090mm high : ZF-SG-M-1260-2090 (1260mm wide) or ZF-SG-M-2100-2090 (2100mm wide)

Joiner Kit if mid panel required (1 x joiner kit required per mid panel addition): ZF-SG-J-2PK

Optional vertical gate stile with extended leg

For 1790mm high gate: ZF-SG-VGS-1790

For 2090mm high gates: ZF-SG-VGS-2090

STEP 3 - TUNNEL POST MATERIALS

- Due to the commercial nature and weight of sliding gates, tunnel posts are recommended at both gate ends.
- To create a tunnel post, core drill 2x 65x65mm steel posts side by side creating a 200mm wide internal opening. Into the top of the posts, install a tunnel post joiner.
- Commonly a total of 4 x posts and 2 x tunnel post joiners required per gate installation.
- Use anti tamper screws for fixing off tunnel post joiner to post.

Reference codes:

Posts: ZF-2400-B (2400mm high post) or ZF-2700-B (2700mm high post)

Tunnel Post Joiner: ZF-SG-TUNNEL

Anti Tamper Screws: ZF-SECURESCREW-25PK

STEP 4 - GATE TRACK + WHEELS

Various items are required :

- Gate track – order 6000mm wide (code: XPSG-6000-TRACK-ST) or 3000mm wide (code: XPSG-3000-TRACK-ST) track or a combination of both
- Anchor pins for gate track – 42 pins required for 6000mm wide track and 22 pins for 3000mm wide track (code: XPSG-ANCHOR)
- Gate wheels – 2 required per gate (code: ZF-SG-GATEWHEEL)
- Screw bolts for affixing gate wheels – total of 4 required (Code: ZF-SG-TAPTITE-4PK)
- 15mm packers – optional extra to raise gate height by 15mm – 4 pack (code: ZF-SG-PACKER-4PK)

STEP 5 - GATE CATCH + ROLLER GUIDES

Various items are required :

- Gate catch required for gate in closed position – designed to fit a 200mm wide tunnel post opening (code: ZF-SG-TPCATCH)
- Roller guides – 2 required per gate (code: ZF-SG-GUIDEROLLER)
- Angle brackets for mounting guide rollers – supplied as a 2 pack to suit 200mm tunnel post opening (code: ZF-SG-ANGLE-2PK)
- Optional extra security flat plate to stop lifting of gate when in closed position (code: ZF-SG-TPPLATE)
- Anti tamper screws - supplied in 25 packs. 1 x pack is sufficient to enable affixing of gate catch, angle brackets, security flat plate & tunnel post joiner. (code: ZF-SECURESCREW-25PK)
- Drive bit for installing anti tamper screws (code: ZF-PENTAFORCE-BIT)

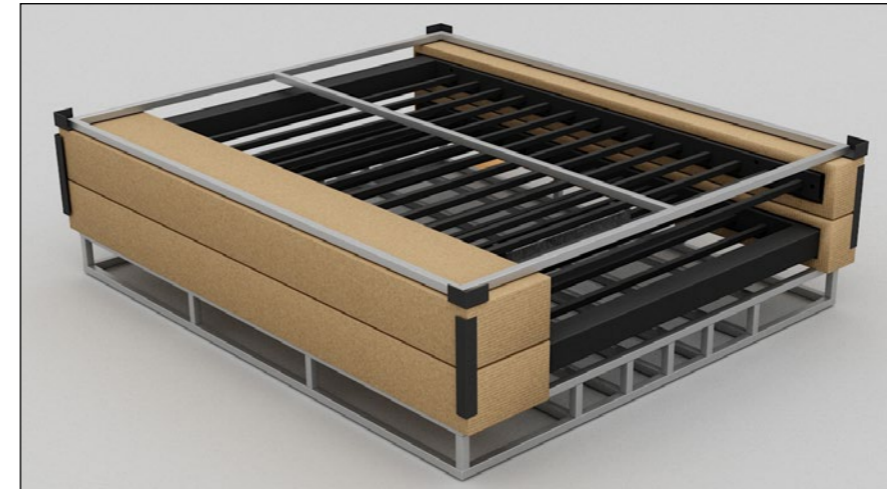
GATE AUTOMATION

Having regard to the commercial nature and weight of sliding gates, there is no 'one size fits all' specification for gate motors. Each installation is unique requiring site specific consideration of automation required. Glass Outlet does not sell gate motors for Zeus security sliding gates. There are various companies that specialise in gate automation that can assist in supply of motors only and/or supply & install solutions.

ZEUS SLIDING GATE - INSTALL GUIDE

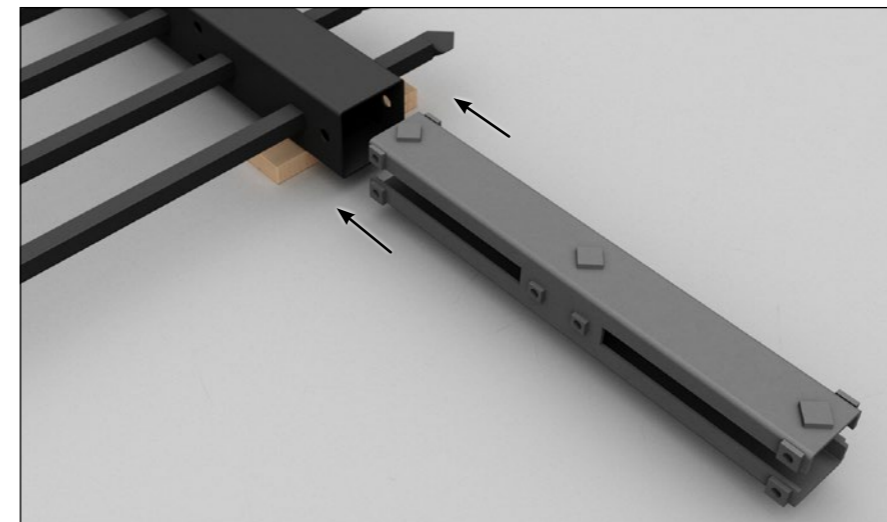
IMPORTANT NOTE

Sliding gates are heavy. If required, use appropriate lifting equipment to enable safe assembly and installation. Forklifts with jib/sling attachments, gantry cranes, truck hiab operation and similar may require operation by suitably licensed people.



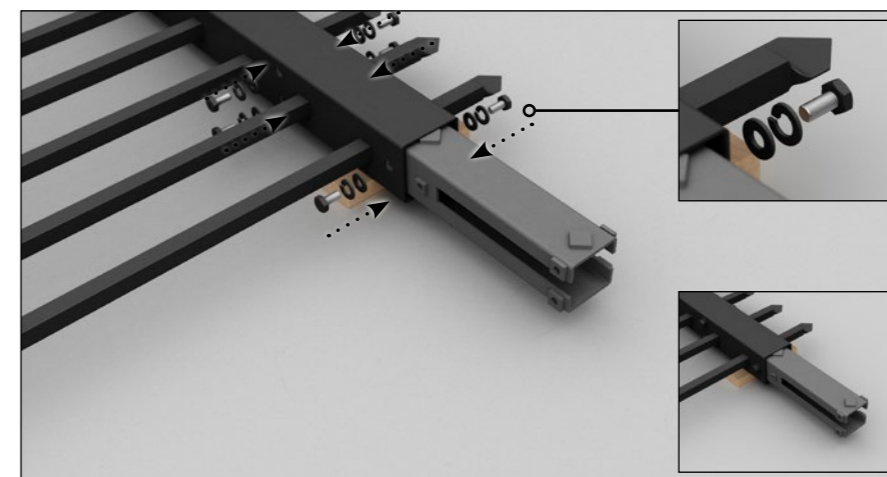
- 1 Sliding gate kit (left and right sides with joiners) is packed on a steel pallet which may be lifted by a forklift.

Unpack pallet carefully keeping in mind the gate sections are heavy. Use lifting equipment if required following manufacturer's instructions for safe operation of equipment.



- 2 Lay gate sections flat and elevate slightly off the ground using timber bearers with a towel/cloth covering the timber. Elevating off the ground reduces chance of scratching powder coat and assists with assembly.

Starting with the gate end which is fully fabricated (i.e. welded mitre corners), slide in joiner into top rail.



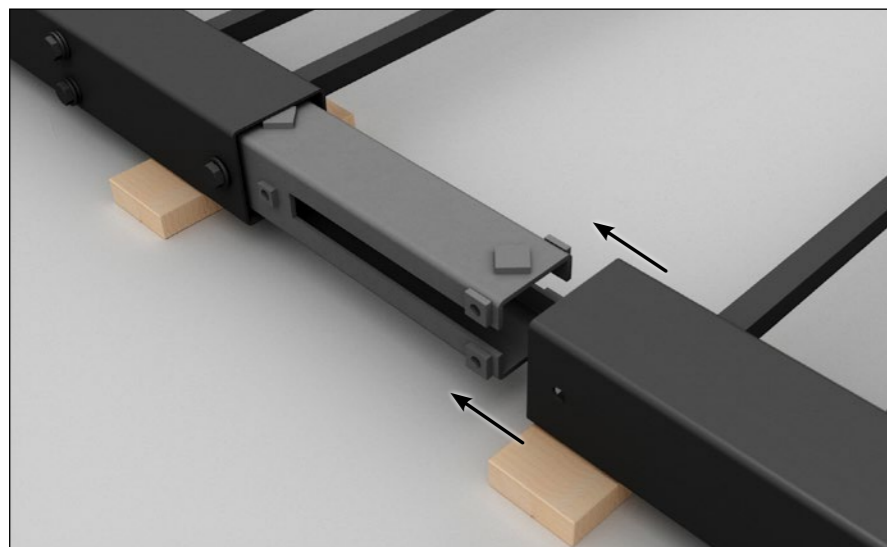
- 3 Holes are pre-drilled in the top rail on the topside and underside. Line up joiner with pre-drilled holes and affix 3 x bolts top side and 3 x bolts on underside, ensuring the use of one washer and one spring washer per bolt.

Tighten bolts to ensure joiner is held securely in position but do NOT fully tighten off yet.

ZEUS SLIDING GATE - INSTALL GUIDE



4 For bottom rail, insert and bolt joiner following same steps as for top rail.

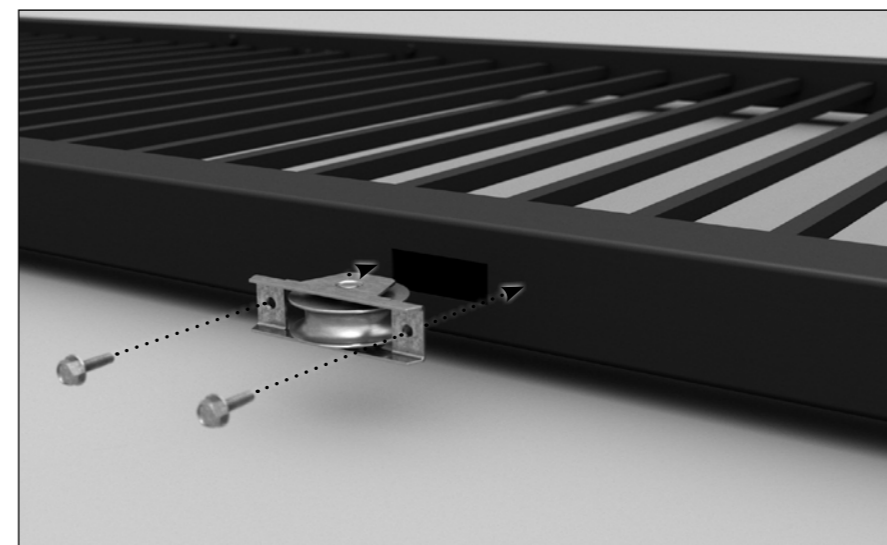


5 Lifting carefully, position other side of gate end over protruding joiners.

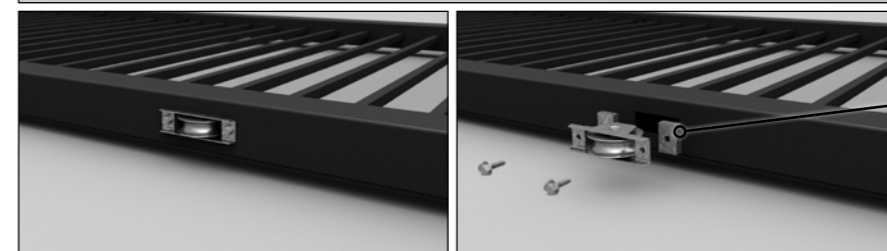


6 Affix 3 x bolts top side and 3 x bolts on under-side - for top rail and bottom rail, ensuring the use of one washer and one spring washer per bolt. Tighten bolts to ensure joiner held securely in position but do NOT fully tighten off yet.

ZEUS SLIDING GATE - INSTALL GUIDE

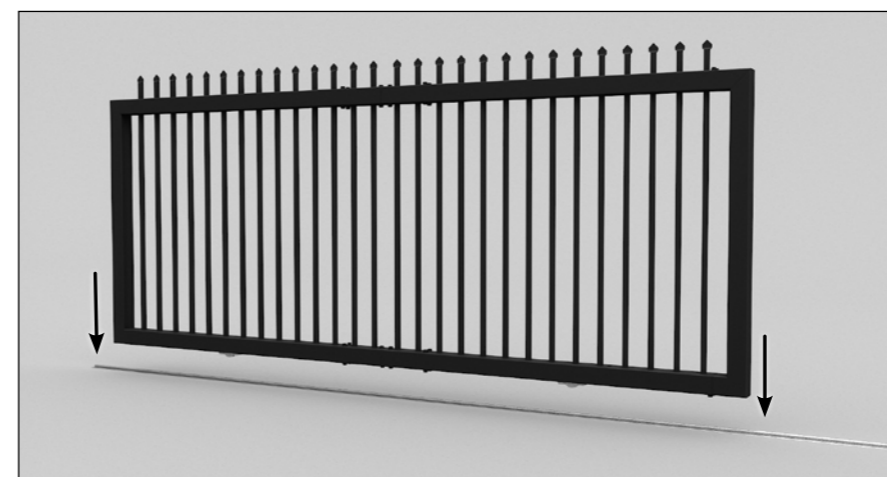


7 Wheels should be installed approx. 20% in from each end of gates. There are slots in bottom side of bottom rail. Identify appropriate slot positions at each end of the gate. Place wheels into slot holes so wheel is recessed. Drill a 7.14mm (Imperial - 9/32") diameter pilot hole either side of wheel through existing hole in wheel casing. Use M8 Taptite thread-forming screw and drive into each of the 2 x pilot holes. Ensure wheel very firmly fixed. A 1/2" socket bit suits the Taptite screw head. ** If using 15mm height adjustment packer, place in between wheel and bottom of gate frame.



15mm height adjustment packer if required

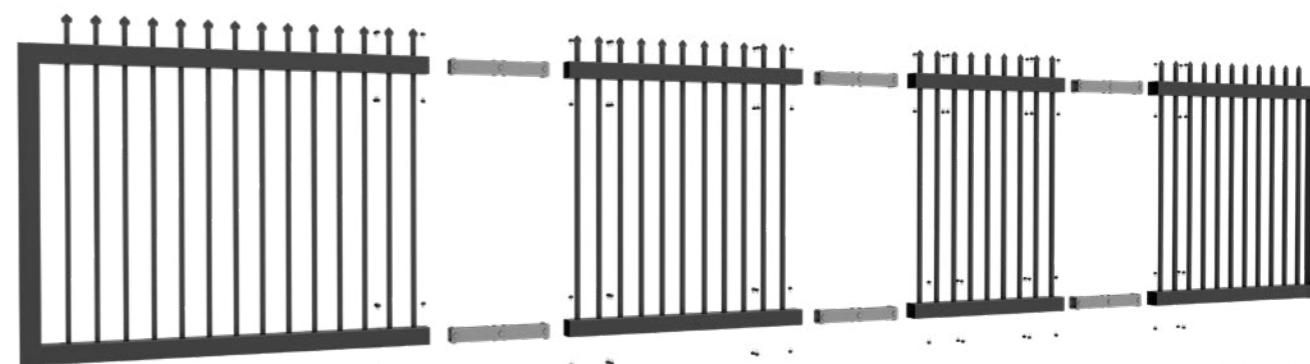
** Gate kit includes black plastic plugs. Press plugs into unused wheel cavities



8 Carefully stand gate up and place on installed gate track. Once upright and on track, ensure joined sections are in alignment. Bolts may be loosened off slightly to enable aligning. Once in alignment, tighten off all bolts fully.

FINISH.

IMPORTANT NOTE - If extending gate width with middle joiner panels: To join middle panels repeat steps above using internal joiners and bolts.



ZEUS SLIDING GATE - INSTALL GUIDE

WIDTH ADJUSTING GATE

Before commencing assembly of gate, determine overall gate width required. Plan the gate assembly having regard to modular sections including mid panels. If width adjustment is required, adjustment should be made on gate end panel featuring the removable gate stile. This end should always be used as the motor end.

Undertake required width adjustment to gate end panel BEFORE joining to other gate sections.

EXAMPLE: Overall gate must be 5900mm wide.

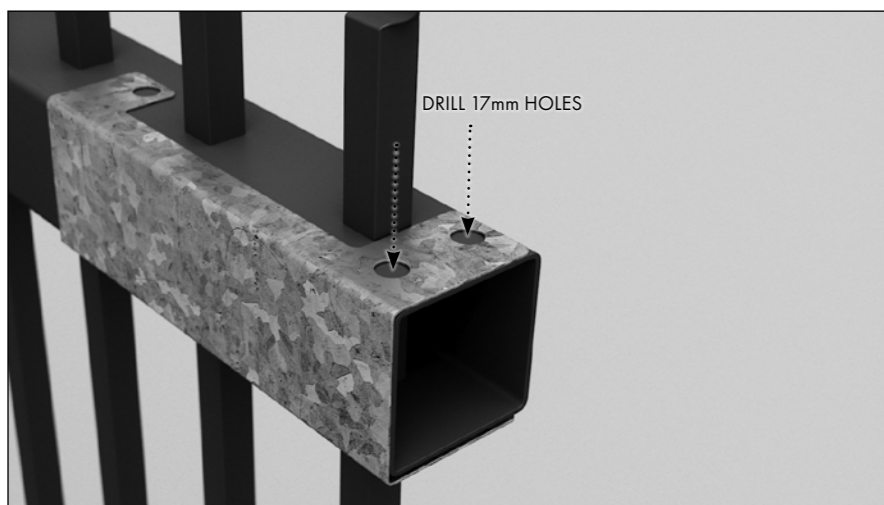
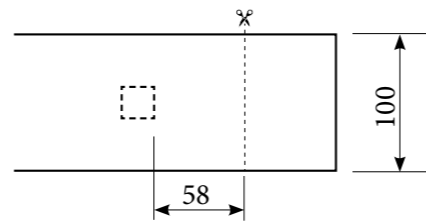
Gate planning : use gate kit providing 4260mm wide + middle panel 2100mm wide = 6360mm wide.
Therefore, must reduce gate width approx. 460mm. Adjust end panel section following below guidance.



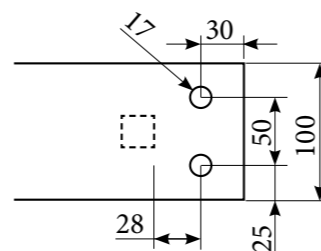
- A REMOVE OUTER SIDE BOLTS**
Identify gate section with removable side stile. Lay gate section flat on padded timber bearers to elevate slightly.
Remove 2 x bolts on top section of gate frame and 2 x bolts on underside of gate frame. Remove vertical stile and store safely.



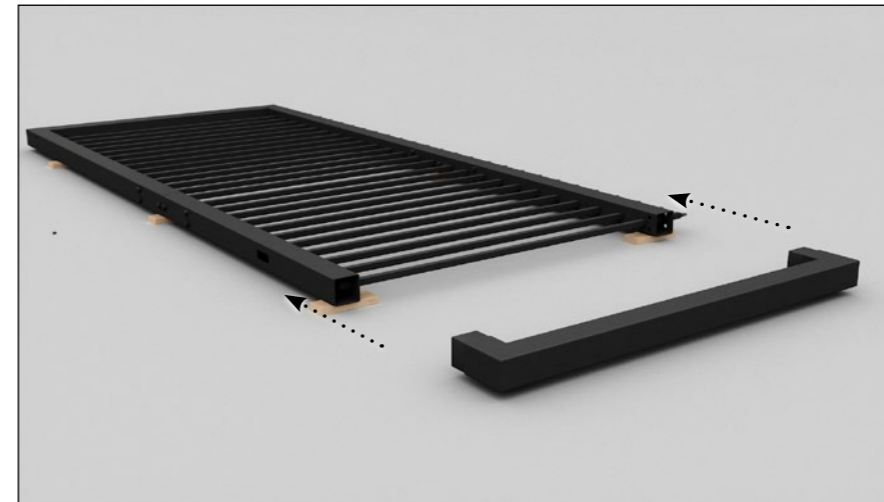
- B Identify width of gate section to remove.**
IMPORTANT NOTE: cut panel so that end is 58mm from end of a picket.



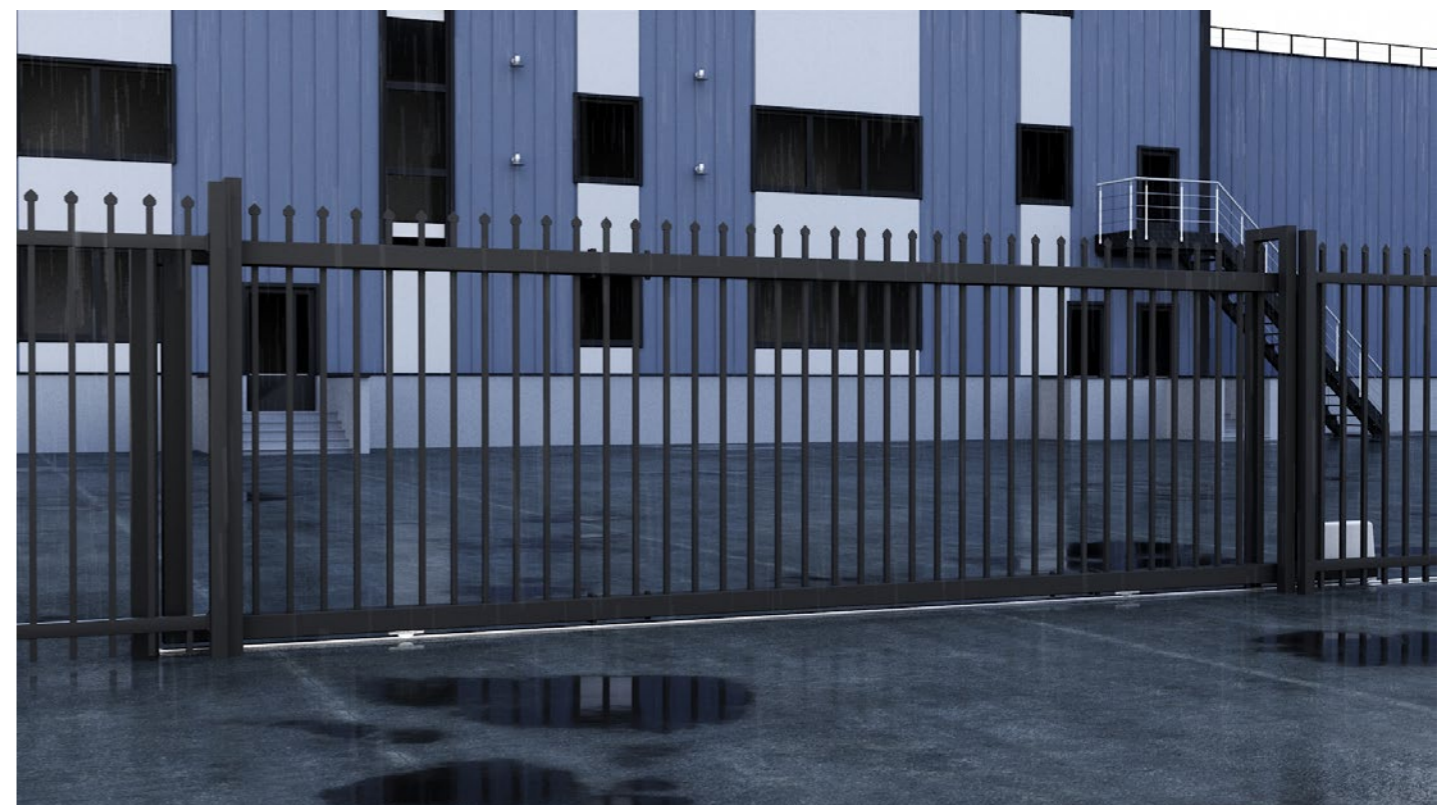
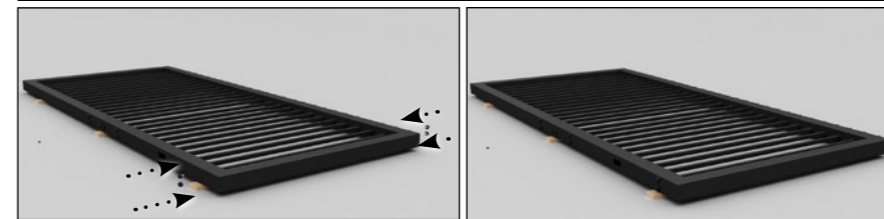
- C Drill 2 x 17mm holes on top side of gate frame and 2 x 17mm holes on underside of bottom rail.**
Refer drawing.



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- D Replace gate side stile and use the same 4 x bolts previously removed to re-bolt.**



ZEUS SLIDING GATE - INSTALL GUIDE

ASSEMBLING VERTICAL STILE WITH EXTENDED LEG

Undertake required side stile extension attachment to gate end panel BEFORE joining to other sections.



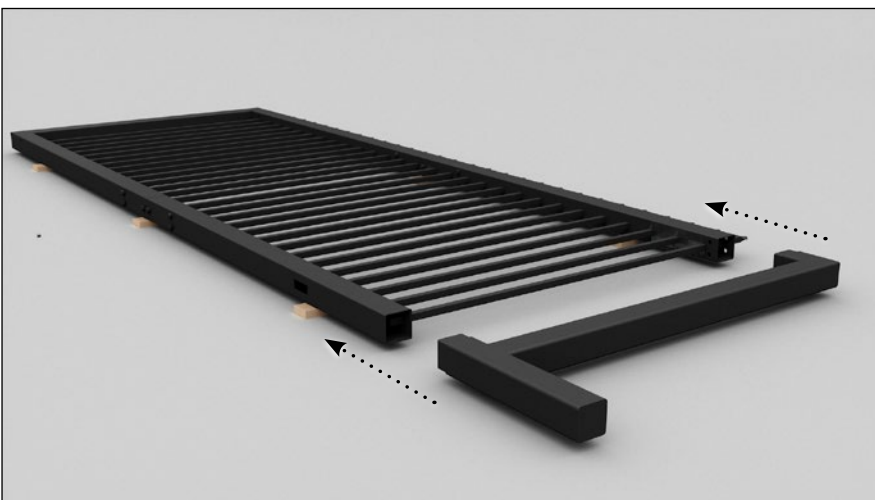
i REMOVE INNER SIDE BOLTS

Identify gate section with removable side stile. Lay gate section flat on padded timber bearers to elevate slightly.

Remove 2 x bolts on top section of gate frame and 2 x bolts on underside of gate frame. Remove vertical stile and store safely.



ii Remove gate stile and retain bolts.



iii Replace gate side stile with motor side stile and use the same 4 x bolts previously removed to re-bolt.

IMPORTANT NOTE: If width adjustment to the gate is required in addition to extended gate stile assembly, refer to width adjust steps above undertaking width adjustment first.

