MADRID TILT SS2205

Innovative face mount spigot featuring tilt adjustment – ensures easy alignment of glass

Madrid tilt spigot

FRICTION FIT

Polish, satin or matt black finish

Order Code: **MAD-TILT-S-P (Polish)**
MAD-TILT-S-S (Satin)
MAD-TILT-S-B (Black)

- Duplex stainless steel 2205
- Face mount spigot – fix to vertical surface of concrete, timber/steel beams or bearers
- 2 part spigot for easy install: (1) rear plate fixed to vertical surface (2) spigot attaches to rear plate with 2 x M8 counter sunk screws
- Tilt adjustable – innovative design allows for tilt adjustment by simply turning top and bottom M8 grub screws
- Glass alignment adjustability is a huge installation advantage
- Timber/beam fixing – 2 x fixing points in the rear plate for increased strength
- Concrete fixing – ideal for narrow slabs with 1 x sturdy M18 fixing
- Neat finish – slide in cover plate hides exposed screws on spigot front
- Earthing terminal included
- 3mm stackable horseshoe packers sold separately that can inserted behind rear plate to overcome uneven vertical surfaces

Stackable packer

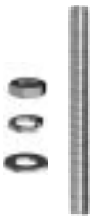
BLACK HDPE

3mm thick

Order Code:
MAD-TILT-PKR

Fits between wall/beam and rear plate to overcome uneven surfaces. Horseshoe shape design allows easy installation

Optional extras



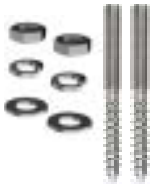
M18 fixing kit

SS304

1x M18x120mm threaded rod, 1x flat washer, 1x spring washer & 1x nut

Order Code:
MAD-TILT-M18KIT

Commonly used for concrete installations – single fixing ideal for narrow slabs



M12 fixing kit

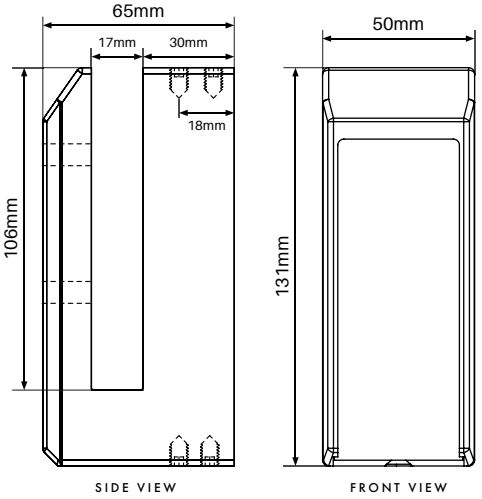
SS304

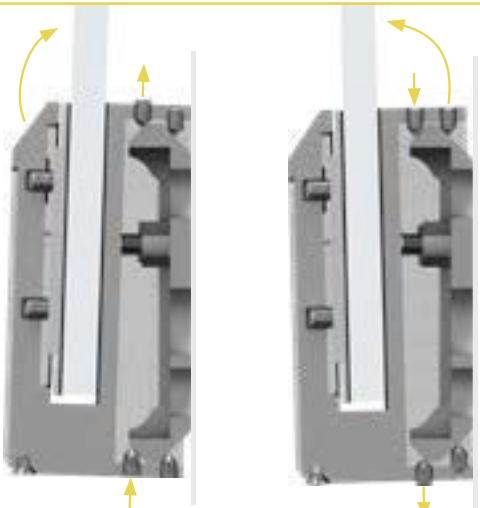
2x M12x93mm lag screws, 2x flat washers, 2x spring washers & 2x nuts

Order Code:
MAD-TILT-M12KIT

Commonly used for timber/beam fixing (M12 threaded rod may also be used with rear lock nuts as an alternative to lag screw timber/beam fixing – M12 threaded rod and rear fixing nut not included in MAD-TILT-M12KIT)

SPIGOT





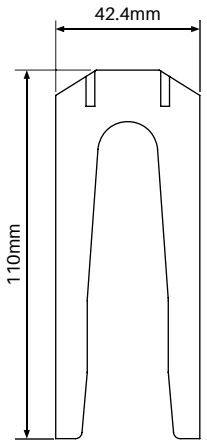
TILT GLASS BACK TILT GLASS FORWARD

EASY TILT ADJUSTMENT

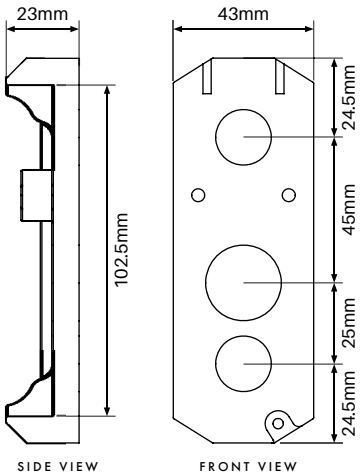
Innovative design – M8 pointed grub screw in top and bottom of spigot pushes onto 45 angle of rear plate allowing front spigot to tilt forward or back.

TILT GLASS BACK	TILT GLASS FORWARD
Unwind top M8 grub screw slightly and tighten bottom M8 grub screw to tilt glass back	Tighten top M8 grub screw and unwind bottom M8 grub screw slightly to tilt glass forward

PACKER



REAR PLATE

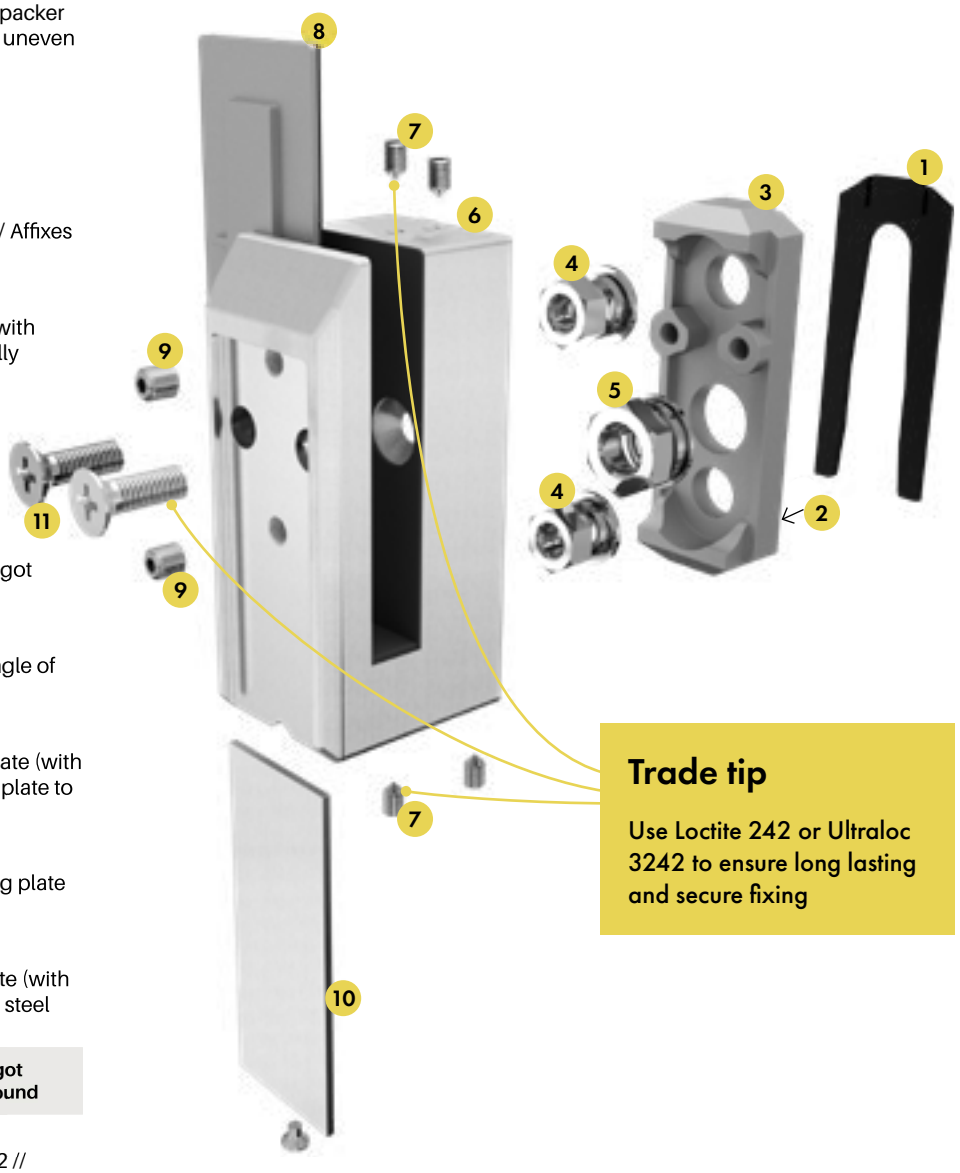


Images & drawings are not to scale

MADRID TILT SS2205

1. 110mmH x 42.4mm W x 3mm thick HDPE packer // Fit between wall/beam and back plate if uneven vertical surface. Stackable packer
2. Earth wire connection point
3. 102.5mmH x 43mm W SS2205 rear plate // Affixes to vertical surface
4. M12 nut & washers SS304 (also supplied with 93mm long lag screws x 2 in kit) // Generally used for timber beam/joist installations
5. M18 nut & washers SS304 (also supplied with 120mm long M18 rod in kit) // Generally used for concrete installations
6. 131mmH x 50mmW x 65mmD SS2205 spigot front // Attaches to rear plate
7. M8 pointed grub screw SS316 // Adjust angle of front spigot and lock off position
8. 102.5mmH x 47.5mmW SS2205 friction plate (with 1mm HDPE preglued packer) // Clamping plate to hold 12mm toughened glass in position
9. M8 grub screw SS316 // Tightens clamping plate against toughened glass
10. 108mmH x 42mmW x 1.5mm D SS316 plate (with countersunk M4 screw)// Slide in stainless steel plate to hide fixings once installed

    Install note: To ensure plate can slide in, spigot must have 70mm or more gap from floor/ground
11. M8 x 25mm countersunk screws SS316 x 2 // Attaches spigot front to rear plate

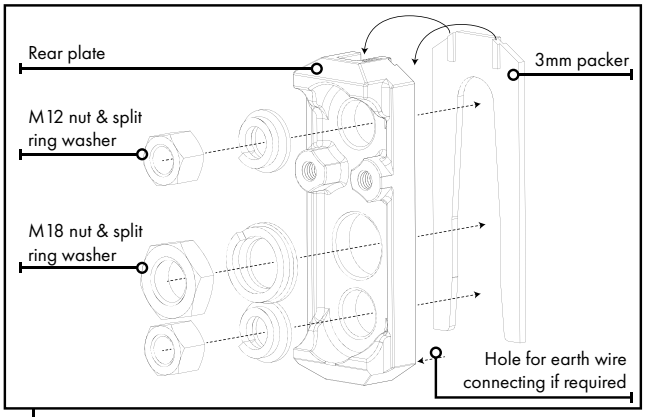


Trade tip

Use Loctite 242 or Ultraloc 3242 to ensure long lasting and secure fixing

Images & drawings are not to scale

MADRID TILT ADJUSTMENT INSTALLATION



1 Secure the rear plate to substrate. Ensure rear plate installed with word 'TOP' facing upwards.

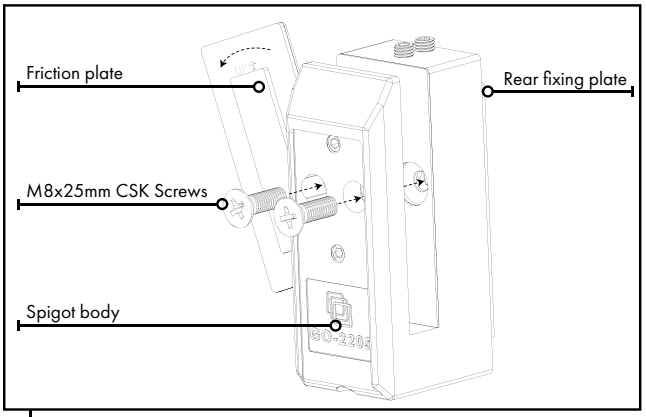
Use appropriate fixing depending if steel,concrete, timber or other substrate.

Fix rear plate using either **(a)** top & bottom holes with M12 rod/lag screw or **(b)** middle hole with M18 rod. Do not fix using all 3 holes.

Multiple 3mm packers may be used to space rear plate from mounting wall in cases of over hanging lips etc.

For the M18 and M12 holes, plastic bushes are provided. For each type, select between an offset bush and standard round bush. The offset bush can be rotated for height adjustment.

Install Note: Central M18 rod to be used only for pool fencing. For balustrate installation always use 2 x M12 fixings per spigot.

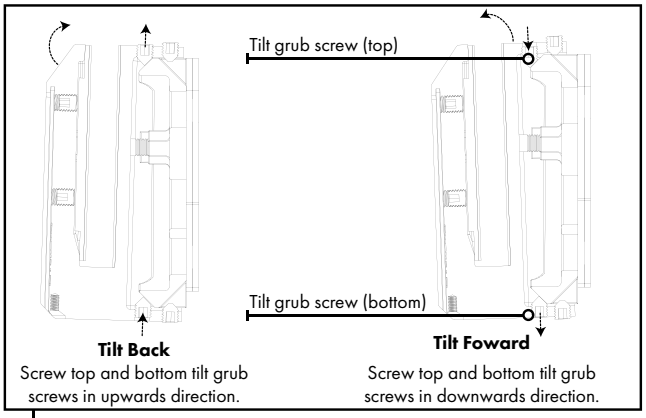


2 Remove friction plate from spigot body. Insert 2x M8x25mm counter sunk screws through holes in front and into back holes locating into threaded bosses in rear plate.

Tighten M8x25mm counter sunk screws, securing the spigot front to rear plate.

Use Loctite 242 or Ultraloc 3242 to ensure long lasting and secure fixing.

Replace friction plate to spigot.

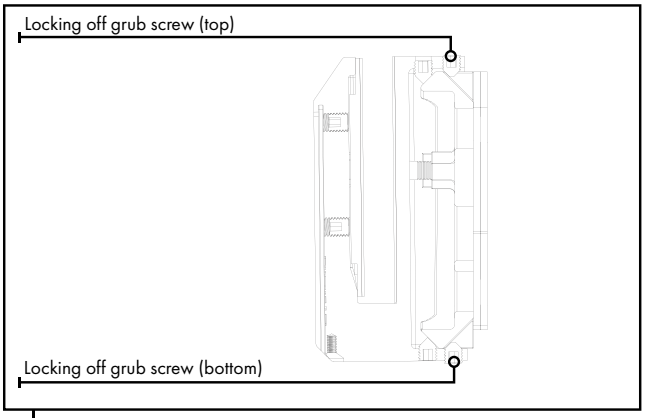


3A Before installing glass, use a spirit level to adjust spigot to vertical position.

Recommended to use a string line from first to last spigot in alignment to ensure all spigots are level.

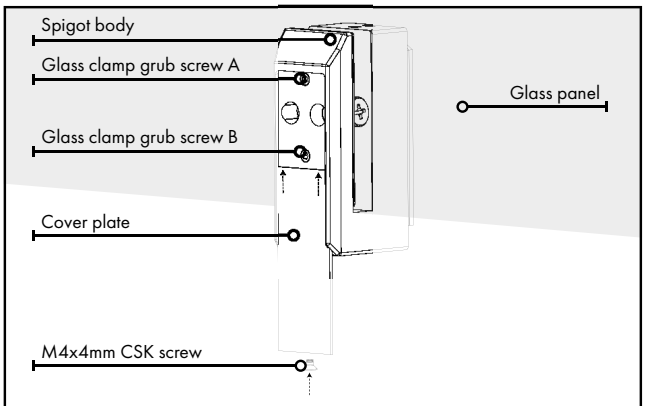
Use the shown tilt grub screws on the top and bottom to tilt the spigot forward or back. Lock off grub screws (refer 3B) should be loosened off at this stage.

Install note: Shorter M8 grub screws included in case of large angle adjustments causing existing grub screw to protrude. Replace with shorter M8 grub screw as required.



3B Once spigot is level use locking off grub screws (top and bottom) to secure spigot in position.

Ensure grub screws are tightly affixed.

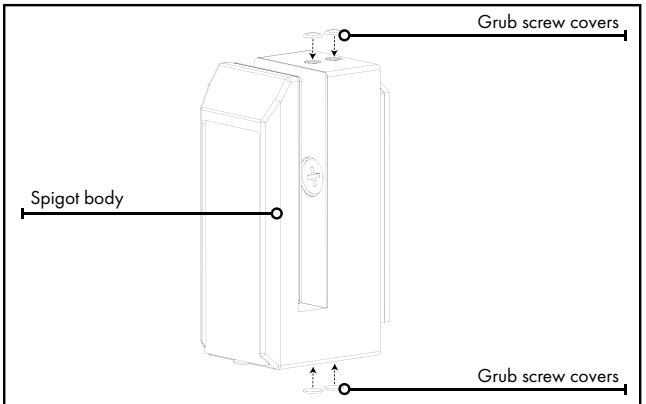


4 Install 12mm thick glass into spigot and tighten glass clamp grub screws A and B.

Install cover plate by sliding upwards into recess at front of spigot.

Secure cover in place with 1 x M4x4mm counter sunk screw.

Install note: To ensure cover plate can slide into position, the spigot must have a 70mm minimum gap to floor/ground.



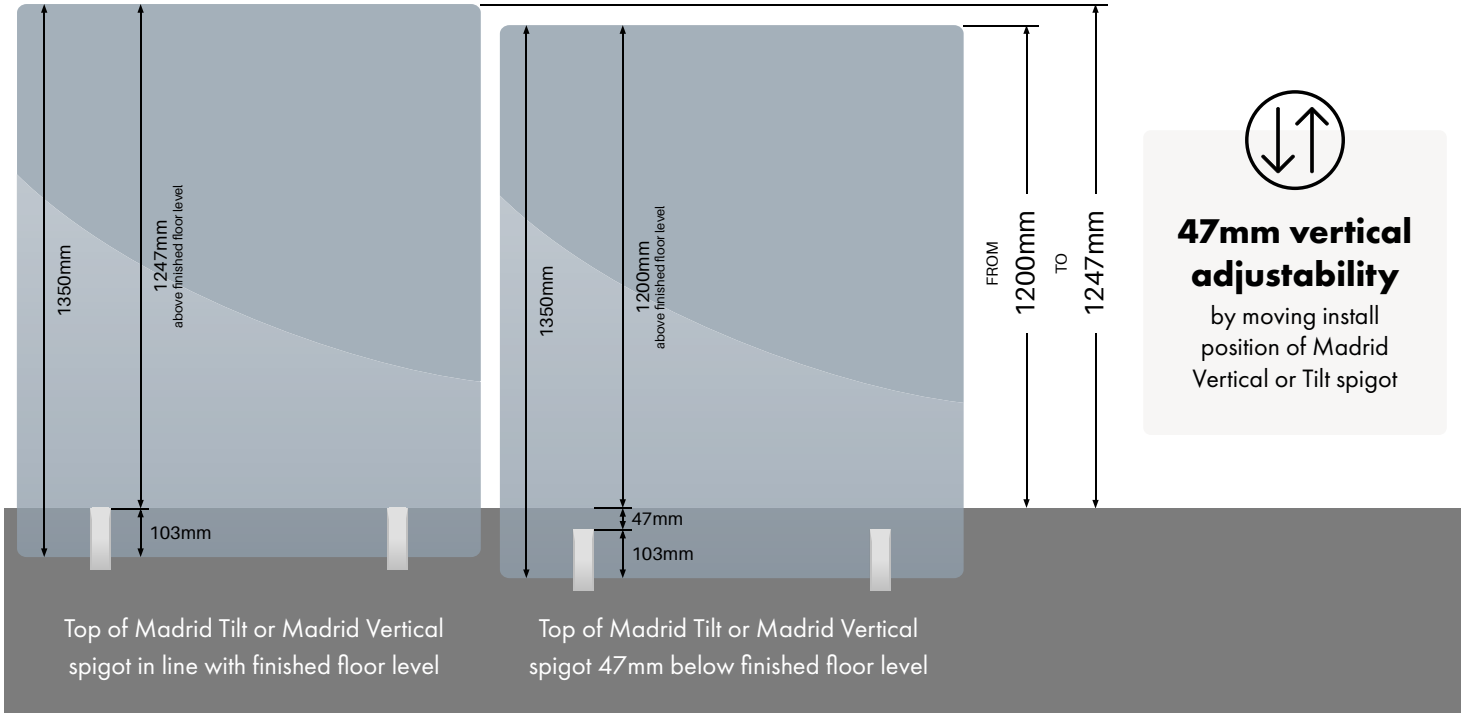
5 Adhere grub screw covers with silicone.

BEWARE OF ELECTRICAL WIRING PRIOR TO DRILLING AND INSTALLING ANY FITTINGS

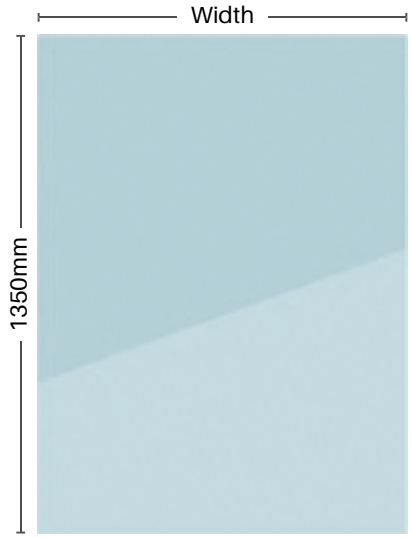
MADRID TILT SS2205

Applies to Madrid Tilt & Madrid Vertical spigots

Using 1350mm high clear toughened for face mount **pool fencing** panels



47mm vertical adjustability
by moving install position of Madrid Vertical or Tilt spigot



Order Code	Perth Order Code	Width	Height	Sqm	Weight
12CG-0600	**C12CG-0600**	600mm	1350mm	0.81	24kg
12CG-0700	**C12CG-0700**	700mm	1350mm	0.95	28kg
12CG-0800	**C12CG-0800**	800mm	1350mm	1.08	32kg
12CG-0900	**C12CG-0900**	900mm	1350mm	1.22	37kg
12CG-1000	**C12CG-1000**	1000mm	1350mm	1.35	41kg
12CG-1100	**C12CG-1100**	1100mm	1350mm	1.49	45kg
12CG-1200	**C12CG-1200**	1200mm	1350mm	1.62	49kg
12CG-1300	**C12CG-1300**	1300mm	1350mm	1.76	53kg
12CG-1400	**C12CG-1400**	1400mm	1350mm	1.89	57kg
12CG-1500	**C12CG-1500**	1500mm	1350mm	2.03	61kg
12CG-1600	**C12CG-1600**	1600mm	1350mm	2.16	65kg

12mm thick clear toughened

5mm radius corners

Perth's pool fencing panels are pre-wrapped in cardboard

Images & drawings are not to scale