

**Steel** in **SATIN BLACK**

# Gate Frame Kit

## Installation Guide

Let our team  
show you how  
[protectoral.com](https://www.protectoral.com)



Tools Required: Drill, Tape Measure, Mallet, Mitre Angle Grinder/Drop Saw with Steel Cutting Blade

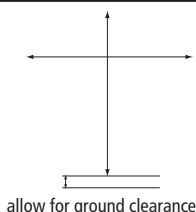
### STEP 1 – MEASURE

Determine width and height of gate panel by measuring between posts.

Allow clearance for hinges & latch:

- 15 to 30mm for a single gate
- 30 to 50mm for a double gate

Don't forget to allow for ground clearance



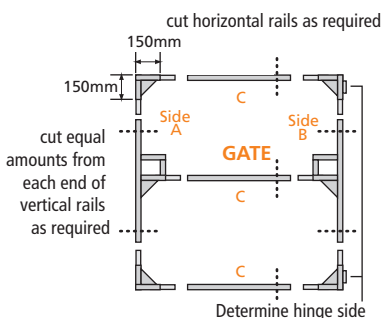
### STEP 2 – MARK AND CUT TO SIZE

Mark the horizontal rails at the required length...

they should be 300mm shorter than gate width to allow for 2 gate corner pieces.

Mark the Vertical Rails at the required length, again allow 300mm for the corner pieces

To keep the mid-rail in the centre of the gate, trim an even amount off each end of vertical rails



### STEP 3 – ASSEMBLY

Determine which side the gate is hinged on  
Determine the top & bottom hinge (depends on whether swinging in or out)

Insert vertical rail into the 2 hinged corners (Side B)

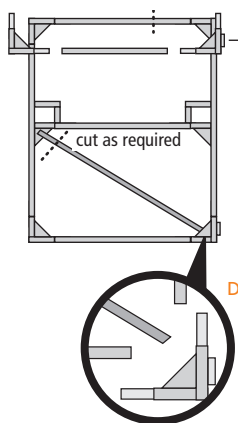
Insert other vertical Rail into the remaining two corners (Side A)

Insert all Horizontal Rails (C) into Side A and B.

Lay crossbrace on top of the gate, ensuring it starts at the bottom near a hinged corner and ends at the opposing corner, mark and cut to size

Next separate bottom corner piece (D) from the rails, fit the cross brace in position, and refit the corner piece.

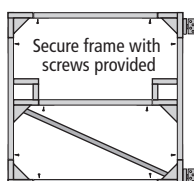
Note: 1800w x 1200h doesn't come with gussets.





### STEP 3 - ASSEMBLY CONTINUED

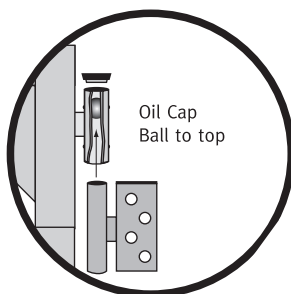
Check that the frame is square, then secure all parts in place with the screws provided.



### STEP 4 - HINGE ADJUSTMENT

The gate should slide DOWN on to the hinge plates.  
The oil cap and ball bearing should be at the top of both hinges.

If they are not, they can be easily reversed, just remove the oil cap, then use the hinge plate and a hammer to gently tap the ball bearing until it snaps into top position. Finally insert the Oil Cap on the top of the hinge.



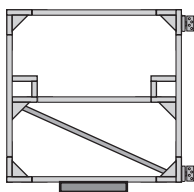
**Note: do not install with hinge upside down, ie. with ball bearing and cap at bottom of hinge, this allows water to fill hinge barrel and can cause hinge seizure.**

### STEP 5 - INSTALLATION

With the Hinge Plates in place, move the gate Frame into position. Use a choke if needed to get the correct height.

Check that the gate is aligned correctly, then screw the hinge plates to the post.

Check that the gate opens & closes freely, adjust the hinge position on the post if necessary.

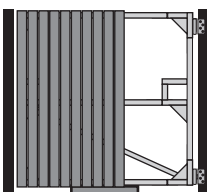


Use a choke if needed to get the correct height

### STEP 6 – FINISHING

Fit the cladding and latch to the Gate/ Fence Frame as required.

When fixing to the frame, do not pre-drill use self-drilling screws, length approx the thickness of material being fixed plus 20mm.



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More than just fencing.