

MODULINE FENCING



Assembly Of Aluminium Frame Colorscreen Gate

Colorscreen gates over 1.55 metres wide are made using an aluminium welded frame.

This method is used for two reasons:

- 1) The aluminium welded frame gives added rigidity and strength to the gate over a kitset version.
- 2) The aluminium frame is a lot lighter than a steel equivalent.

Assembly:

The aluminium frame will be delivered direct to you (in most cases via a furniture truck)

The frame will be powder-coated to the colour you selected.

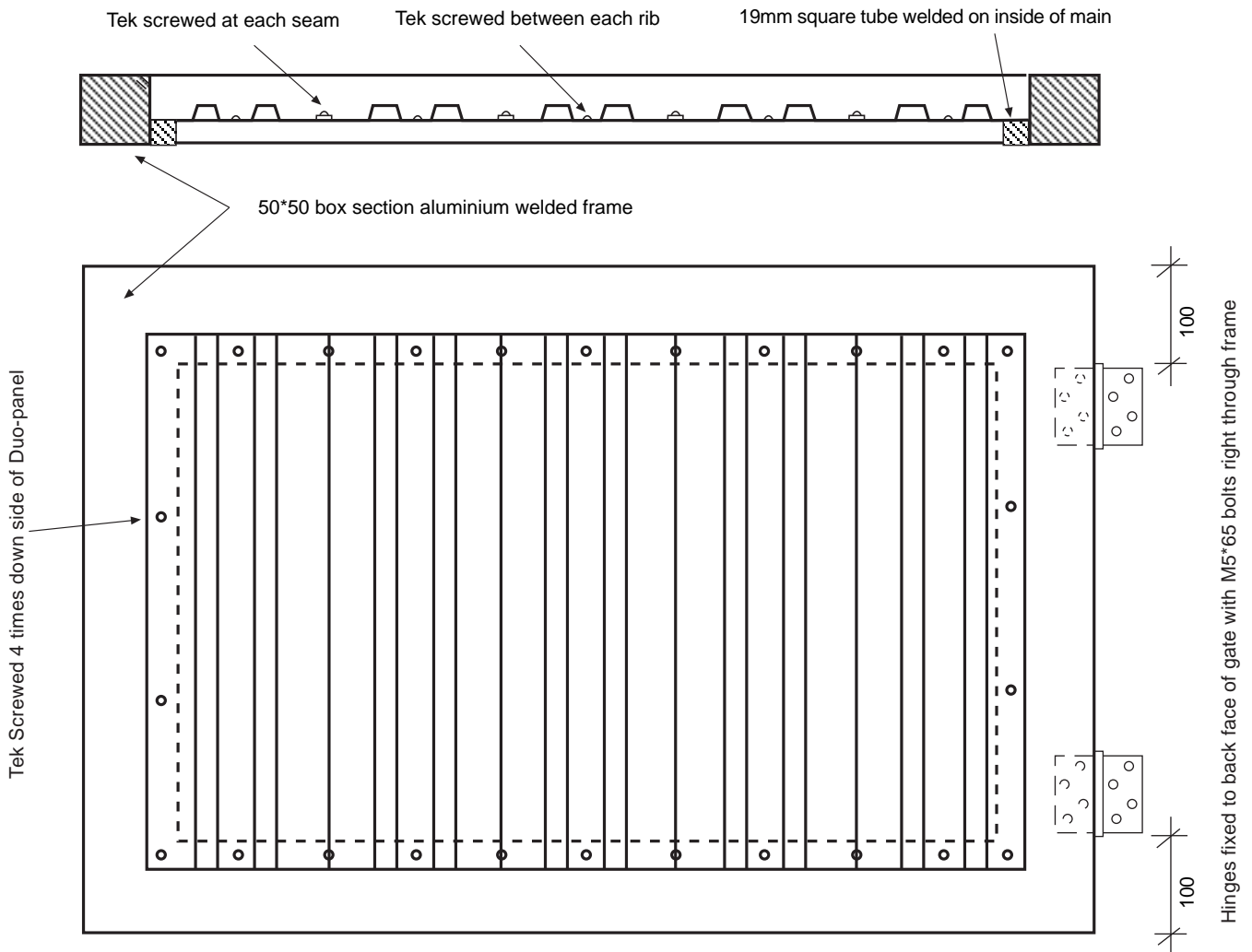
This frame consists of an aluminium 50mm x 50mm welded box section with a 19mm x 19mm tube welded right around the inside of the frame. (see cross-section sketch).

The Moduline factory will send direct to you the infill panels for the gate(s) along with the rest of your fencing order.

The infill panels (known to Moduline as Duopanel) will be a special length and wrapped in a separate bundle from the other fencing supplied.

Lay these panels on saw stools and timber supports or lay onto carpet on the floor. Open the seam ends and slide/interlock the panels together until they equal the width of the gate. There are no Left or Right hand Duopanel, only standards are used for making the gates. (refer to Gate Assembly and Installation Instructions ' C ')

Lift the joined together panels onto the aluminium frame and with a little juggling the panels should rest flat in the frame resting down on the 19mm square tubing.



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Gate Assembly and Installation continued

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Using the wafer-head Phillips tek screws supplied, start from one edge/side of the gate and tek screw the panel to the 19mm sq tubing completely down the full length of the Duo-panel using 4 x tek screws evenly spaced. Then stretch the joined panels across the frame and tek screw the other side.

Complete screwing the panels starting in the centre and working outwards in both directions top and bottom evenly. Screw each seam and each valley between the two ribs. The gate is now ready for fixing the hinges.

Fixing the hinges:

The hinges supplied are normally stainless steel Butt hinges. (Gates smaller than 1.8 x 1.8 have 2 hinges per gate. Gates 1.8 x 1.8 and over have 3 hinges per gate). These hinges are face mounted 100mm down from the top and 100mm up from the bottom. To get the hinges to sit evenly before tek screwing fold one side of the hinge over the edge of the gate frame.

Screw the hinges onto the gate using the wafer-head tek screws. Then remove the screws a few at a time and drill right through the 50mm box section aluminium frame using a 5mm drill bit. Now refit the hinge using the M5 x 65mm stainless steel bolts with washers and Nylok nuts supplied.

The other side of the hinge is fixed to the steel gate post using tek screws. Refer to instructions **Double Gate assembly and installation 'D'** for completing your double gates.

Note:Hinges are screwed to the back face of the gate. Fold hinge over side while tek Screwing.

