

## **Installation**

### **Balustrade Infill (Perforated) Panels**

#### **Introduction:**

These guidelines should be read and fully understood before installation commences.

If there is anything you are not sure about, or if you want to know more about these items, please contact us for clarification.

Balustrade infill panels are to be installed by suitably qualified contractors with the necessary knowledge and expertise.

Before attaching the infill panels, it is the installers' responsibility to ensure that both the balustrade, and the area in which it is located, is structurally supportive and has been approved by a structural engineer.

The completed installation must comply with current building regulations.

#### **Installation:**

Those handling and working aluminium should always wear and use the appropriate personal protective equipment for the task in hand.

Unpack the panels and ensure they are in good condition and fit for purpose. If any items are found to be damaged, then please put these to one side and contact GA.

Perforated panels have a best and reverse side. Closely inspect, and ensure the best surface is fixed on the most visible side.

When handling individual panels, care should be taken not to damage the edges or corners.

GA's infill panels are produced in a 'ready to fit' size, together with pre-punched fixing holes (if specified, at the time of order). If fixing holes haven't been requested, then the surround frames or plain border margins, are the

strongest part of the panels, to accept drilled holes and fixings.

When selecting suitable fixings, to attach the infill panels to the balustrade, it is very important to ensure bi-metallic corrosion cannot occur between the aluminium panels and the fixings.

Wherever there is a presence of moisture, direct contact between aluminium and other metals should be avoided. Different metals must be isolated from each other by means of a suitable gasket or by coating, or painting the contact area. There is no risk of bi-metallic corrosion in dry conditions.

Panels with unprotected surfaces, should have a low tack self-adhesive tape or covering applied, to protect the visible areas during handling and fixing.

When aligning the panels to the balustrade for fixing, ensure that the maximum gap between the infill panels and the balustrade is no more than 95mm.

After locating into position, check that the panels are properly secured/tightened to the fixing clamps/brackets, and that these in turn, are securely connected to the balustrade uprights.

Protective film covering the material surface, should be removed at the appropriate time.

Remove any grease, dirt deposits, finger marks, etc., from the material surfaces with non-abrasive cleaning agents and materials.

GA Helpline for professional assistance 020 8692 2255 Mon-Fri 8.30am -5pm

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