

## **Installation**

### **Louvre Panels (Fixed Blade)**

#### **Introduction:**

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

Louvre panels have many different uses, and are fitted in a wide variety of applications.

These custom-made louvre panels should be installed by suitably qualified contractors, with the required knowledge and expertise. Current construction methods are to be used.

The installation contractor has the responsibility and duty to ensure proper safety, so that during and after completion of the installation, the louvre panels remain properly secured to the supporting structure.

The completed installation must comply with current building regulations.

Please refer to our Health & Safety Data Sheet for additional guidance on off-loading, site storage, etc.

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

#### **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.

Louvre panels have a front and reverse side. Ensure the front side is positioned in accordance with the project requirements.

GA's louvre panels are produced in 'ready to fit' sizes, and are sometimes supplied with purpose made fixings/brackets (if specified, at the time of order). If fixings haven't been requested, then the surround frames are the strongest part of the panels, to accept drilled holes and fixings.

It is very important not to force louvre panels into the wall opening, as this will cause physical damage. Adequate clearance must be allowed between the panel and sides of the opening.

When attaching louvre panels to the supporting structure, it is essential to ensure bi-metallic corrosion cannot occur between the aluminium louvres 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.

After being secured into position, any gaps between the louvre sides and the opening, should be sealed with a proprietary filler, while taking care to protect the aluminium surfaces from staining.

Once satisfactorily installed, care should be taken to ensure that other building materials, mortar, plaster, etc., do not come into contact with the aluminium louvre panels.