

Installation

Specially Perforated Panels

Introduction:

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

Perforated panels have many different uses, and are utilised in a wide variety of applications.

These custom-made panels should be installed by suitably qualified contractors, with the required knowledge and expertise.

Current construction methods are to be used.

Installation:

- Those handling and working aluminium should always wear the appropriate personal protective equipment for the task in hand.
- Carefully unpack the sheets and ensure they are in good condition & 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 sheets or panels, care should be taken not to damage exposed edges or corners. Thin materials are particularly vulnerable.
- GA's specially perforated panels are normally produced as 'ready to fit' sized panels, together with plain border margins and pre-punched fixing holes (if specified, at the time of order). If fixing holes haven't

been requested, then the plain border margins are the strongest part of the panels, to accept drilled holes and fixings.

- When installing or working unprotected material surfaces, a low tack self-adhesive tape or covering should be applied to protect the visible areas.
- Material flanges which are oversize must not be forced or hammered into position. Items requiring a reduction in size should ideally be returned to the factory for re-processing.
- Should on-site cutting of material be unavoidable, then it is important that any swarf or chippings are removed from the product surface with extreme care, to avoid the possibility of scratching. These should be removed ideally with an airline or alternatively by lightly brushing away. Burrs can be removed using long angle files with 14 to 20 single cut teeth per 25mm, for most fine work.
- After fixing into position, check that the sheets are safely secured to the supporting background surface.
- Protective film covering the material surface, should be removed at the appropriate time.
- Remove any grease, dirt deposits, finger marks, etc, from the material surface with non-abrasive cleaning agents and materials.