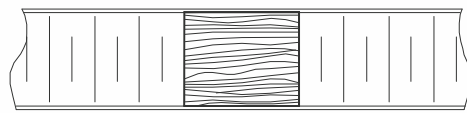


Edging, Joining & Attachments for Cellite Honeycomb Sandwich Panels

Cellite Honeycomb Sandwich Panels can incorporate a wide range of edging, joining and attachment methods. These can be 'built-in' during the panel construction stage, or alternatively, added afterwards.

TYPICAL RANGE OF INSERTS FOR ATTACHMENTS

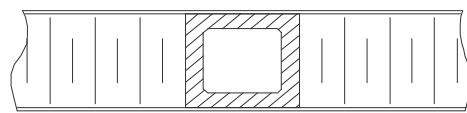
Inserts designed to carry heavy loads can be included into the panel using various techniques.



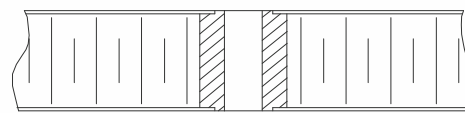
Wood Insert



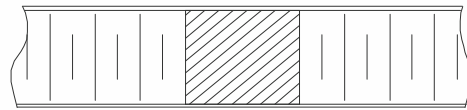
Cast in Place Insert



Box Insert



Pinned Insert



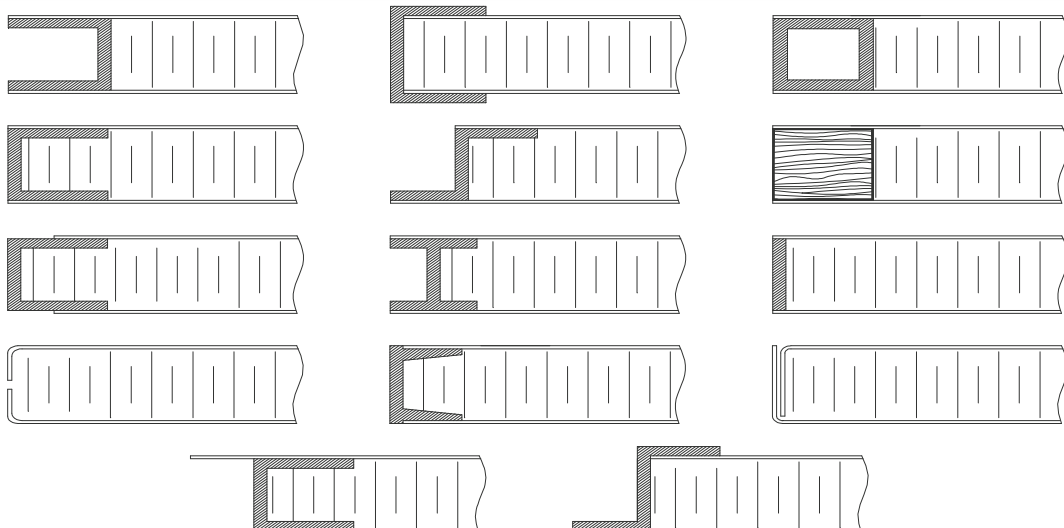
Solid Aluminium Insert



Potted Insert

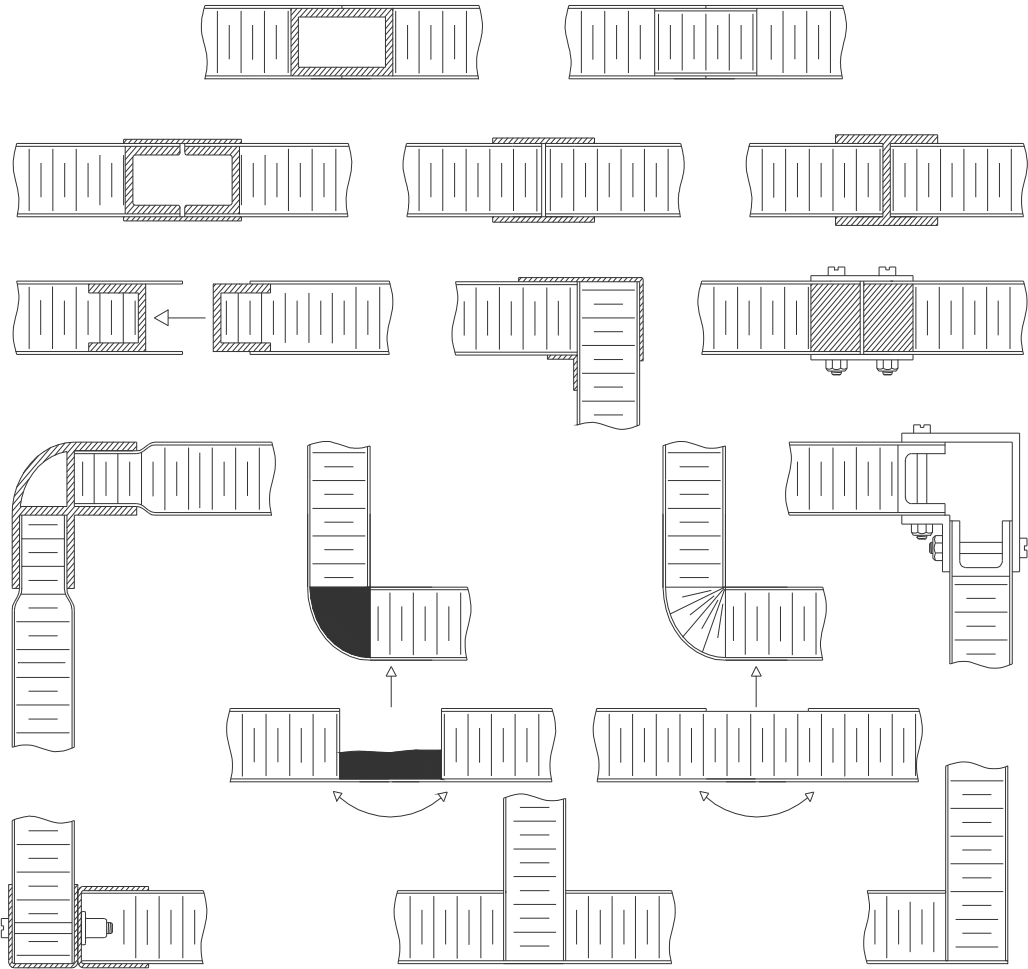
PANEL EDGING METHODS

Core thicknesses of the standard Cellite 220 and 620 ranges have been particularly chosen to match imperial sized materials - aluminium extrusion, plate etc. Alternatively, panel thickness can be tailored to match individual requirements.



Typical joining and folding methods

Panels can be cut and folded (see the four centre diagrams) to form tight angles and joined with techniques in order to provide complex shaped structures. We have major machining, fabrication and finishing facilities in order to supply fully complete assemblies, alternatively we can provide technical assistance on the choice of fabrication methods and materials.



TRB Lightweight Structures was originally established as Technical Resin Bonders in the 1950s and was one of the first companies to introduce a range of Honeycomb Sandwich Panels onto the market. Since those early beginnings, TRB Lightweight Structures has grown and diversified and has become a major OEM to the Rail, Aerospace, Defence, Marine, Automotive and Motor Sports industries with a range of bespoke products based on Honeycomb Sandwich Panels Technology and Composite Components.

For more information
+44 (0) 1480 447400 www.trbls.com sales@trbls.com