



CELLITE 180 TOOLING BACKING STRUCTURES

DESCRIPTION

Amber Composites offers a range of pre-molded laminated boards for the manufacture of backing structures to complement its range of HX tooling prepregs.

The boards are manufactured to match the thermal expansion and glass transition (T_g) of HX tooling prepregs and the products are recommended for manufacturing “egg crate” structures.

FEATURES

- A range of tooling support structures for composite moulds.
- Temperature resistance to 180°C
- Compatible with all Amber Composites HX Tooling prepregs
- Available as glass or carbon skinned boards with perforated Aluminium Honeycomb for autoclave cures

STANDARD HONEYCOMB CORE PRODUCTS

| | | |
|-------------------|--------------|----------------------|
| CELLITE 180G 10HC | Glass skins | 10mm o/a thickness |
| CELLITE 180G 10HC | Glass skins | 12.7mm o/a thickness |
| CELLITE 180G 15HC | Glass skins | 15mm o/a thickness |
| CELLITE 180G 20HC | Glass skins | 20mm o/a thickness |
| CELLITE 180C 10HC | Carbon skins | 10mm o/a thickness |
| CELLITE 180C 15HC | Carbon skins | 15mm o/a thickness |
| CELLITE 180C 20HC | Carbon skins | 20mm o/a thickness |

All honeycomb boards use a perforated core, with a minimum fabric skin weight of 1200 gsm per side.

Standard Panel Size 1220 x 2440 mm

Non Standard Panels

Panels can also be supplied with different thicknesses, alternative skin constructions and with Peel Ply on both surfaces.

FURTHER INFORMATION - PROCESSING DETAILS

Please contact Amber Composites for further information.

This is not a specification. The information given in this data sheet in relation to the performance, storage and other characteristics of the product is based on results gained from experience and tests and is believed to be accurate. Given, however, that conditions of use and storage will vary, Amber Composites will not be liable for any loss or damage resulting from reliance upon such information. The purchaser is recommended to carry out his own tests to establish the suitability of the product for its particular purpose. The use of the product in certain processes may require third party consent.