CORETEX GROUP

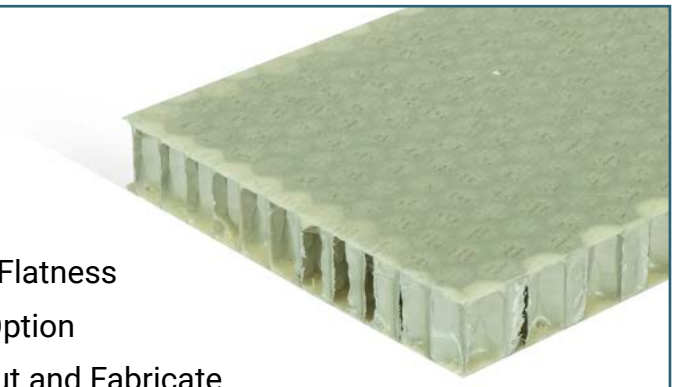
LIGHTWEIGHT PANEL & HONEYCOMB EXPERTS

**Innovative lightweight honeycomb cores, panels, composites, adhesives, process equipment & consultancy**

# UltraLite™ EGP AHC

## Ultra Lightweight GRP Panel

EGP/AHC/EGP



- Lighweight - 3+Kg/sqm
- Rigid and Structural
- Thermal Conductor
- Energy Absorbing
- Excellent Flatness
- Peel Ply Option
- Easy to Cut and Fabricate
- Easy to Paint and Glue

**Skins**

0.5mm 2 Ply EPG Epoxy Glass Prepreg

**Options**

- 0.75mm 3 Ply EPG Epoxy Glass Prepreg
- Removable Peel Ply (pictured) for improved surface adhesion for over laminating/bonding

**Core**

- AHC - Aluminium Honeycomb (3000/5052)

**Options**

- Cell Size: 3/6/9/13/19mm
- Density: 18 – 83kg/m$^3$
- Foil: 50 micron and 70 micron
- Perforated or Non Perforated Foil

**Panel Size Range**

- 2440mm x 1220mm (Standard)
- Options: Upto 3000mm x 1300mm depending on skins
- Cut to size kits

**Thickness Range**

- 5mm to 50mm (Others on request)

**Weight Range Guide (All panels made to order)**

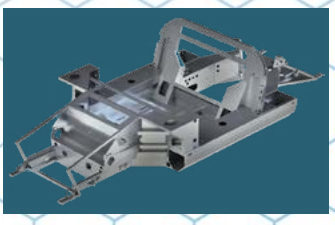
- 0.5EGP/20AHC-6/0.5EGP 4.0Kg/sqm@21mm
- 0.5EGP/12AHC-9/0.5EGP 3.5Kg/sqm@13mm
- 0.5EGP/5AHC- 6/0.5EGP 3.5Kg/sqm@6mm

**Typical Applications**

- Lightweight Tooling Boards
- Lightweight Marble / Stone Panels
- Lightweight Architectural Panels
- Lightweight Flight Cases
- Lightweight Ramps
- Lightweight Monocoque Chassis
- Lightweight Floor/Wall/Ceiling Panels
- Lightweight Marine/Train Wall Panels
- Lightweight Machine Covers

**Minimum Order: 3 panels / 10sqm**

**All panels made to order: Typically 2-4 weeks lead time**



**Coretex Group,**
**PO Box 2,**
**Cheltenham, GL54 5YR**

What ideas do you have?
Call us on **01242 350735** to discuss

**01242 350735**
**www.CoretexGroup.co.uk**
**info@CoretexGroup.co.uk**