

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

UltraLite™ EGP AHC

Ultra Lightweight GRP Panel

EGP/AHC/EGP



- Lightweight - 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/m³
- 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/5AHC- 6/0.5EGP 3.5Kg/sqm@6mm
- 0.5EGP/12AHC-9/0.5EGP 3.5Kg/sqm@13mm

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

