CORETEX GROUP

LIGHTWEIGHT PANEL & HONEYCOMB EXPERTS

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

UltraLite™ ALI AHC

Ultra Lightweight Aluminium Honeycomb Panel

ALI/AHC/ALI

- Lightweight: From 3.7+Kg/sqm
- Rigid and Structural
- Thermal Conductor
- Energy Absorbing
- Excellent Flatness
- Fire Class 1 BS476 Pt7
- Easy to Cut and Fabricate
- Easy to Paint and Glue

Skins

- 0.5mm Aluminum 5000 series (Etch Primed)

Options

- 0.7mm – 1mm thick

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 1250mm depending on skins
- Cut to size kits

Thickness Range

- 5mm to 100mm (Others on request)

Weight Range Guide (All panels made to order)

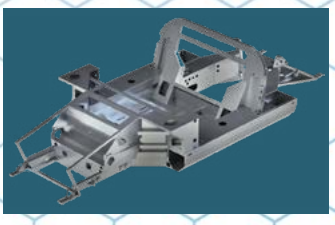
- 0.5ALI/19AHC-6/0.5ALI 4.5Kg/sqm@20mm
- 0.5ALI/49AHC-19/0.5ALI 4.8Kg/sqm@50mm
- 0.5ALI/12AHC-9/0.5ALI 3.7kg/sqm@13mm
- 0.5ALI/5AHC- 6/0.5ALI 3.7Kg/sqm@6mm

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



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

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