CORETEX GROUP

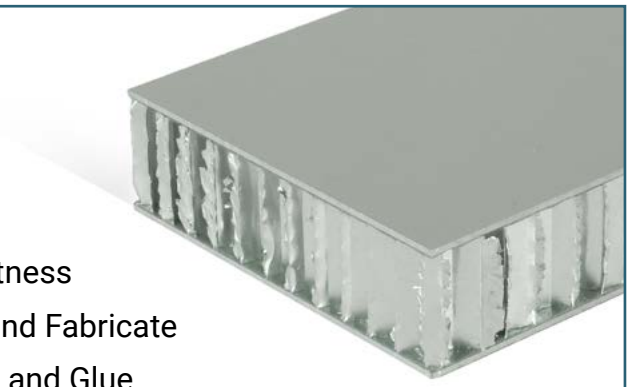
LIGHTWEIGHT PANEL & HONEYCOMB EXPERTS

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

AluLite™ AHC

Lightweight Aluminium Honeycomb Panel

ALI/AHC/ALI



- Very Lightweight
- Rigid and Structural
- Thermal Conductor
- Energy Absorbing
- Excellent Flatness
- Easy to Cut and Fabricate
- Easy to Paint and Glue
- Generic Fire Class 1 BS476 Pt7

Skins

- 0.9mm Aluminum 3000 series (Preprimed)

Options

- 0.5mm – 3mm thick
- RAL 9016/9010 Painted
- RAL Colours (500sqm MOQ)

Core

- Aluminium Honeycomb (3000 series Standard)

Options

- Cell Size: 3/6/9/13/19mm
- Density: 29 – 83kg/m3
- Foil: 50 micron and 70 micron
- Perforated or Non Perforated Foil

Panel Size Range

- 2500mm x 1250mm (Standard)
- Options: Up to 4000mm x 2000mm depending on skins
- Cut to size kits

Thickness Range

- 5mm to 100mm (Others on request)

Weight Range Guide (All panels made to order)

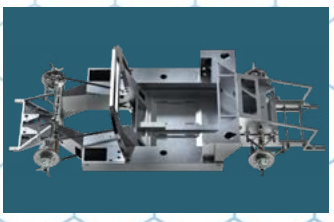
- 0.9ALI/20AHC-6/0.9ALI 6.9Kg/sqm@21mm
- 0.9ALI/48AHC-19/0.9ALI 7.0Kg/sqm@50mm
- 0.5ALI/12AHC-9/0.5ALI 3.7kg/sqm@13mm
- 0.5ALI/5AHC- 6/0.5ALI 3.6Kg/sqm@6mm

Typical Applications

- Lightweight Tooling Boards
- Lightweight Monocoque Chassis
- Lightweight Architectural Panels
- Lightweight Floor/Wall/Ceiling Panels
- Lightweight Flight Cases
- Lightweight Marine/Train Wall Panels
- Lightweight Ramps
- Lightweight Machine Covers
- Options: Designs to suit your weight

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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