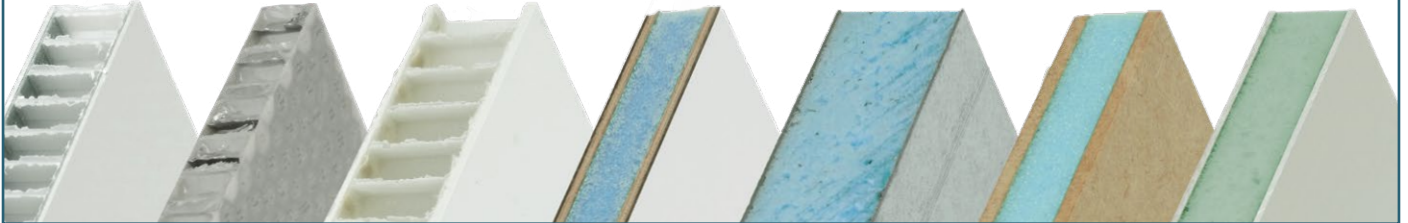


Innovative lightweight honeycomb cores, panels, composites, adhesives, process equipment & consultancy

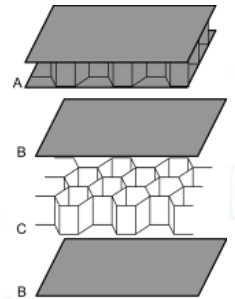
Got a weight problem? Lighten up with Coretex Lightweight Panels



The Coretex Group provides one of the UK's widest ranges of Made to Measure lightweight structural panels for many industrial applications – and most are made in the UK. Panels are manufactured from a wide range of outer skins and inner core options. Simply check with us on the application and we can guide you on the best combinations to suit your needs. We can make 10 off's or 1000's.

Lightweight Sandwich Panels

Sandwich panels (A) are made, as the term suggests, from a sandwich of a high strength skin material (B) that is bonded with a suitable adhesive to a lightweight structural core material (C). Many skin and core types are available to achieve the required weight, budget, strength and environmental performance. Speak to Coretex who can advise you – a typical list of options is provide below.



Outer Skin Options

- Aluminium (Primed/Painted)
- MDF / Plywood
- HPL (High Pressure Laminate/Formica)
- GRP (Glass Reinforced Polyester)
- Steel (Galvanized/Painted)
- PVC / ABS / PP
- Epoxy Glass and Carbon Fibre Prepeg

Inner Core Options

- Expanded Polystyrene (EPS)
- Extruded Polystyrene (XPS)
- PP (Polypropylene) Honeycomb
- Aluminium Honeycomb
- 100% Recycled Paper Honeycomb
- 100% Recycled PET Foam

Typical Size*

- 1220mm x 2440mm, 1250mm x 2500mm,
1500mm x 3000mm, 3000mm x 10,000mm

(*Depending on skin material sizes)

Typical Thickness

- 5mm to 100mm. Other sizes on request

Extra Services

- Timber/ MDF / PU / Aluminium Edging & Frames
- Inserts / Fixing Points
- CNC Routing / Machining / Drilling
- Sheet Metal Fabrication

Typical Applications

- Lightweight Architectural Façade Panels
- Lightweight Transport/ Truck Body Panels
- Lightweight Bespoke Furniture/Joinery
- Lightweight Marine/Wet Panels
- Lightweight Engineering /Industrial Panels
- Lightweight Composite Panels
- Lightweight Stone/Marble Panels
- Lightweight Stage/Theatre Panels
- Lightweight Walls/Floors/Ceiling Panels

Minimum Order: 3 panels / 10sqm

Most panels made to order: Typically 2 -4 weeks leadtimes. Check with us for in-stock panel options



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Coretex Lightweight Panel Range

AluLite - TimberLite – TransLite – GRPLite – UltraLite – PPLite – HPLLite – Steellite



AluLite™ AHC
ALI/AHC/ALI

- Skins: 0.9mm Aluminium
- Core: Ali Honeycomb
- *Weight: 6Kg/m² @25mm



AluLite™ PP
ALI/PP/ALI

- Skins: 0.9mm Aluminium
- Core: PP Honeycomb
- *Weight: 6Kg/m² @25mm



AluLite™ PET™
ALI/PET/ALI

- Skins: 0.9mm Aluminium
- Core: PET Foam
- *Weight: 6.5+Kg/m² @25mm



Alucoil
Larcocore A2™ Fire Rated
ALI/AHC/ALI

- Skins: 0.5mm–1mm Ali
- Core: Ali Honeycomb
- *Weight: 5-7.5Kg/m²



UltraLite™ EGP
EGP/AHC/EGP

- Skins: 0.5mm Epoxy Glass Prepreg
- Core: Ali Honeycomb
- *Weight: 3.5Kg/m² @25mm




UltraLite™ ALI
ALI/AHC/ALI

- Skins: 0.5mm Ali
- Core: Ali Honeycomb
- *Weight: 4Kg/m² @25mm



GRPLite™ PET
GRP/PET/GRP

- Skins: GRP Laminate
- Core: rPET Foam
- *Weight: 5Kg/m² @25mm



TransLite™
GRP/PP/GRP

- Skins: 2mm White GRP
- Core: PP Honeycomb
- *Weight: 8Kg/m² @25mm



PPLite™
PP/PP/PP

- Skins: 0.8mm–1mm PP
- Core: PP Honeycomb
- *Weight: 3+Kg/m² @25mm



PPGLite™
PPG/PP/PPG

- Skins: Glass/PP Laminate
- Core: PP Honeycomb
- *Weight: 3.5+Kg/m² @10mm



PVCLite™
PVC/XPS/PVC

- Skins: 2mm PVC
- Core: XPS Foam
- *Weight: 4Kg/m² @25mm



Steellite™
STL/XPS/STL

- Skins: 0.7mm Galv. Steel
- Core: XPS Foam
- *Weight: 6Kg/m² @25mm



TimberLite™
PLY/PP/PLY

- Skins: 4mm Plywood
- Core: PP Honeycomb
- *Weight: 7Kg/m² @25mm




TimberLite™
MDF/XPS/MDF

- Skins: 4mm MDF
- Core: EPS/XPS Foam
- *Weight: 6Kg/m² @25mm



Timberlite™ Door Blanks
MDF/XPS/MDF

- Skins: 4mm MDF/PLY
- Core: XPS Foam
- *Weight: 8Kg/m² @25mm



Services

- CNC Routing & Drilling
- Sheet Metalwork
- Cut to Size Panels
- Kit of Parts

*Weights can vary depending on the skin thickness, core density and adhesive weight. Please check with Coretex on the weight guide of your panel choice.

Minimum Order: 3 panels / 10sqm

Most panels made to order: Typically 2 -4 weeks leadtimes. Check with us for in-stock panel options.

