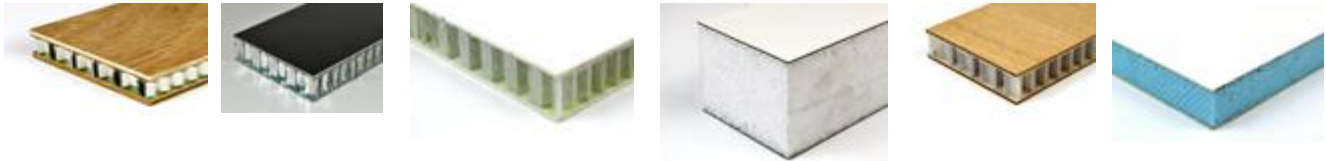


CORETEX Lightweight Panel Range



Got a weight problem?

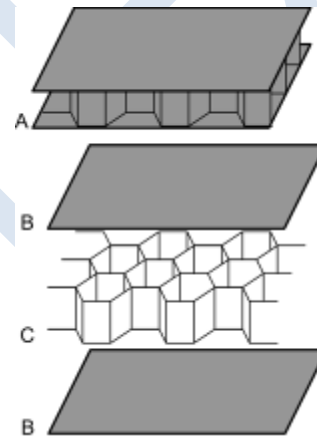
The CORETEX Group provides one of the UK's widest ranges of Made to Measure lightweight structural panels for many industrial applications – and Made in the UK.

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 1 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)
- HPL (High Pressure Laminate /Formica)
- Steel (Galvanized/Painted)
- Carbon Fibre
- GRP (Glass Reinforced Polyester)
- PVC / ABS / PP
- MDF / Plywood

Inner Core Options

- Expanded Polystyrene (EPS)
- Extruded Polystyrene (XPS)
- PP (Polypropylene Honeycomb)
- Aluminium Honeycomb
- Paper Honeycomb

Typical Size*

- 1220mm x 2440mm, 1250mm x 2500mm, 1500mm x 3000mm, 3000mm x 12200mm
(*Depending on skin material sizes)

Typical Thickness

- 5mm to 100mm. Other sizes on request












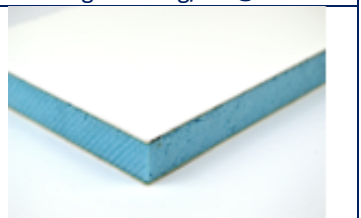


Extra Services

- 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

CORETEX Lightweight Panel Range – or whatever you want!

			
Skins: 3mm Plywood Core: Ali Honeycomb *Weight: 6Kg/m ² @25mm	Skins: 3mm Plywood Core: EPS/XPS Foam *Weight: 5Kg/m ² @25mm	Skins: 3mm Plywood Core: PP Honeycomb *Weight: 6Kg/m ² @25mm	Skins: 4mm MDF Core: Paper Honeycomb *Weight: 6.5Kg/m ² @25mm
			
Skins: 1.5mm White GRP Core: PP Honeycomb *Weight: 6Kg/m ² @25mm	Skins: 1mm HPL Laminate Core: PP Honeycomb *Weight: 5Kg/m ² @25mm	Skins: 0.8mm Ali/0.5 veneer Core: Ali Honeycomb *Weight: 6.5Kg/m ² @25mm	Skins: 0.8mm Aluminium Core: Ali Honeycomb *Weight: 6.0Kg/m ² @25mm
			
Skins: 1mm GRP/3mm Ply Core: PU Foam *Weight: 8.5Kg/m ² @25mm	Skins: HPL Laminate Core: EPS/XPS Foam *Weight: 3.5Kg/m ² @25mm	Skins: 0.5mm Galv Steel Core: EPS/XPS Foam *Weight: 8Kg/m ² @25mm	Skins: 1.2mm White GRP Core: EPS/XPS Foam *Weight: 5Kg/m ² @25mm
			
Skins: 1mm Polypropylene Core: PP Honeycomb *Weight: 3.0Kg/m ² @12mm	Skins: HPL Laminate Core: EPS/XPS Foam Edge: 25mm MDF *Weight: 5Kg/m ² @25mm		

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