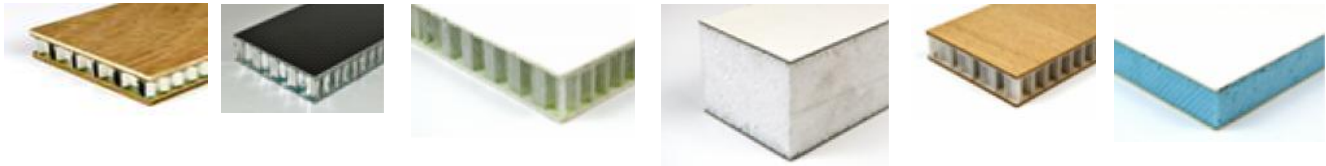


CORETEX Lightweight Panel Range



Got a weight problem? Lighten Up! with Coretex Lightweight Panels

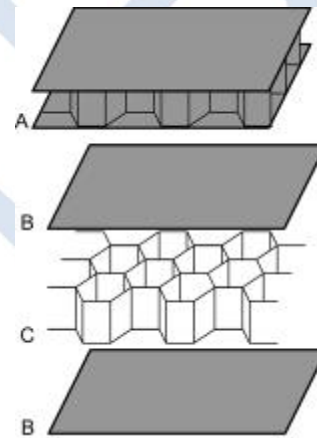
The CORETEX Group provides one of the UK's widest ranges of Made to Measure lightweight structural panels for many industrial applications – and Made in the UK.

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
-) Carbon Fibre

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




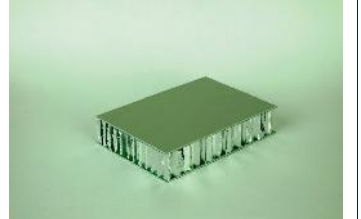



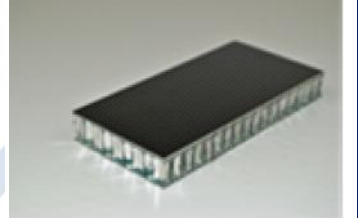






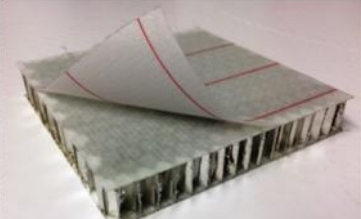

-) Timber/ MDF / PU / Aluminium Edging & Frames
-) Inserts / Fixing Points
-) CNC Routing / Machining / Drilling
-) Sheet Metal Fabrication

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

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

			
TimberLite – PLY/AHC/PLY Skins: 3mm Plywood Core: Ali Honeycomb *Weight: 6Kg/m ² @25mm	TimberLite – MDF/XPS/MDF Skins: 4mm MDF Core: EPS/XPS Foam *Weight: 5Kg/m ² @25mm	TimberLite – PLY/PP/PLY Skins: 3mm Plywood Core: PP Honeycomb *Weight: 6Kg/m ² @25mm	AluLite - ALI/AHC/ALI Skins: 0.9mm Aluminium Core: Aluminium Honeycomb *Weight: 6Kg/m ² @25mm
			
TransLite– GRP/PP/GRP Skins: 2mm White GRP Core: PP Honeycomb *Weight: 6Kg/m ² @25mm	HPLLite – HPL/PP/HPL Skins: 1mm HPL Laminate Core: PP Honeycomb *Weight: 5Kg/m ² @25mm	TimberLite – PLY/AHC/PLY Skins: 0.8mm Ali/0.5 veneer Core: Ali Honeycomb *Weight: 6.5Kg/m ² @25mm	AluLite – ALI/AHC/ALI Skins: 0.8mm Aluminium Core: Ali Honeycomb *Weight: 6.0Kg/m ² @25mm
			
GRPLite – GRP/PLY/PU/PLY/GRP Skins: 1mm GRP/3mm Ply Core: PU Foam *Weight: 8.5Kg/m ² @25mm	HPLLite – HPL/XPS/HPL Skins: HPL Laminate Core: EPS/XPS Foam *Weight: 3.5Kg/m ² @25mm	Steellite – STL/XPS/STLY Skins: 0.5mm Galv Steel Core: EPS/XPS Foam *Weight: 8Kg/m ² @25mm	GRPLite – GRP/XPS/GRP Skins: 1.2mm White GRP Core: EPS/XPS Foam *Weight: 5Kg/m ² @25mm
			
PPLite – PP/PP/PP Skins: 1mm Polypropylene Core: PP Honeycomb *Weight: 3.0Kg/m ² @12mm	HPLLite – HPL/XPS/HPL Skins: HPL Laminate Core: EPS/XPS Foam Edge: 25mm MDF *Weight: 5Kg/m ² @25mm	UltraLite – EGP/AHC/EGP Skins: 0.7 Epoxy Glass Prepreg *PeePly option shown Core: Ali Honeycomb *Weight: 3.5Kg/m ² @25mm	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.**