

Contact Information

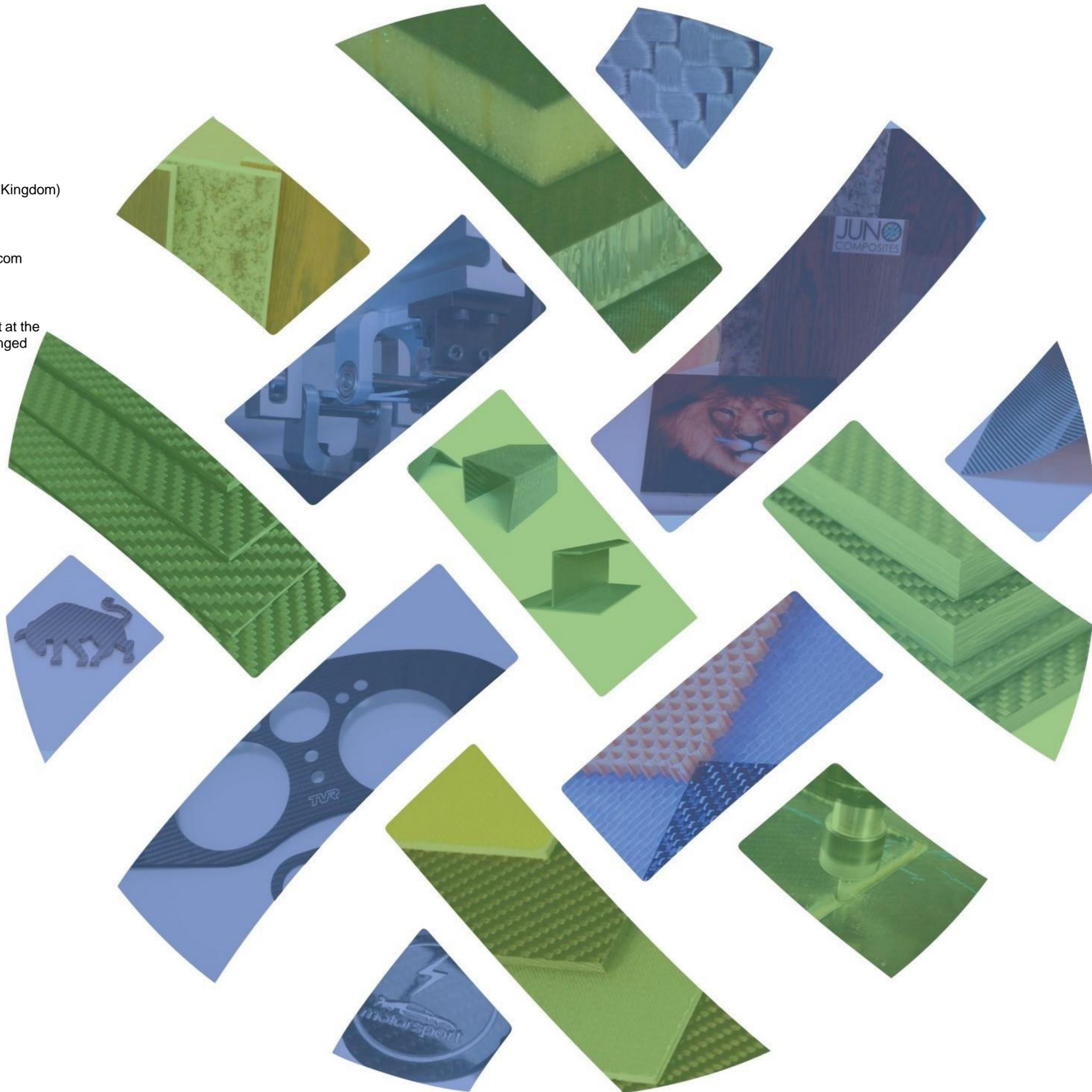
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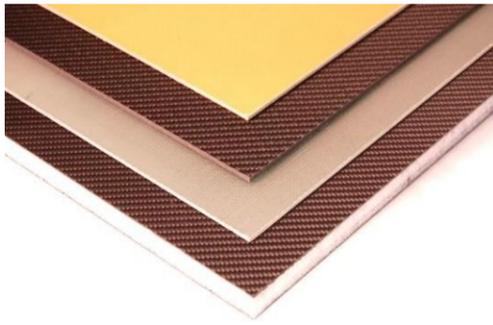
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Online shop: www.carbonfibreshop.com

Important Information

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Prices and specifications are correct at the time of publication and may be changed at anytime without notice.





Company Profile

Juno Composites Ltd from our base in Ireland have grown rapidly into a world leading manufacturer and supplier of advanced composite sheet, plate and sandwich panel products with a strong commitment to excellence in the quality and performance of all the products we manufacture.

Our products can be used for all applications requiring low weight, high strength and stiffness characteristics utilising carbon fibre, aramid fibre, glass fibre and basalt fibre reinforcements. We utilise various manufacturing technologies including: liquid moulding techniques such as RTM (resin transfer moulding) and vacuum assisted RTM in addition to out-of-autoclave prepreg methods.

We develop custom composite product solutions for our customers from the product design specification stage through to prototype development, mechanical testing, analysis, production and CNC profiling.

Innovation

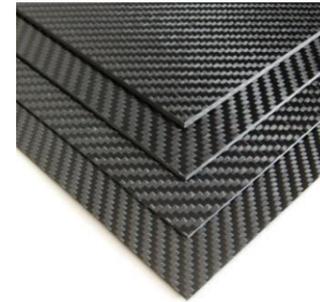
Our team have a strong track record in development of innovative products and manufacturing technologies within the composite materials industry in particular our range of proprietary DECO composites and thermoformable advanced composite preconsolidated laminates.

Quality and performance guaranteed

At Juno Composites we understand that mechanical, physical and thermal property prediction is vital to the uptake of new and unfamiliar materials and manufacturing technologies into any industry. Basic requirements for all new materials are that they can be modelled and their performance predicted effectively. That's why we guarantee performance having tested all our structural composite products in conformance with EN, BS, ISO, and ASTM standards.

Large range of products available online

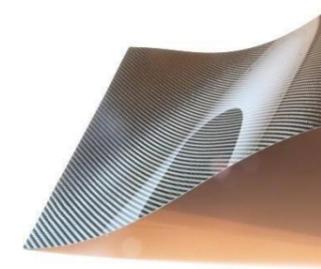
We have a huge range of high performance carbon fibre sheet, plate and sandwich panels available from stock with worldwide shipping and sold through our online outlet www.carbonfibreshop.com.



STANDARD carbon fibre sheet is manufactured using multiple layers of genuine 100% carbon fibre infused with epoxy resin creating a high stiffness, high strength and light weight material. Outer layers consist of 245gsm 3k 2x2 twill fabric for an aesthetically pleasing finish. All STANDARD carbon fibre sheets have a glass transition temperature of 90°C with higher temperature performance available upon request. Other sizes and thicknesses available upon request.

STANDARD	1.0mm	2.0mm	3.0mm	5.0mm
1220x200mm	€65.00	€79.00	€115.00	€135.00
1220x600mm	€195.00	€235.00	€345.00	€400.00
1220x1220mm	€345.00	€475.00	€695.00	€820.00
1220x2440mm	€476.99	€950.00	€1390.00	€1640.00

Prices in Euro ExVAT



FLEXIBLE Ultra-thin smooth glossy carbon fibre sheet is manufactured using 100% genuine carbon fibre 245gsm 3k 2x2 twill infused with epoxy resin and backed with a pressure sensitive 3M adhesive. Features a flawless finish guaranteed for unrivalled aesthetics

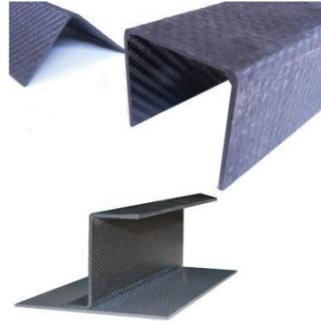
FLEXIBLE	0.25mm with 3M Adhesive	0.5mm
1220x200mm	€49.99	€55.00
1220x600mm	€150.00	€175.00
1220x1220mm	€250.00	€275.00
1220x2440mm	€450.00	€465.00

Prices in Euro exVAT

Innovative new products currently under development



DECO is an innovative product range that combines the high performance characteristics of advanced composites with ultra high definition graphics that can mimic the look of real wood, marble, signage illustrations and text/logos. Available as sheets and sandwich panels, the DECO range has numerous applications from lightweight luxury marine builds, modular hospitality suites to interpretation signs.



THERMOFORM advanced composite sheets can be formed into shaped parts with the application of heat and pressure. Our formable composite sheets can consist of carbon, glass or aramid reinforcements. These products can be over-moulded, joined together with fusion welding techniques and are more readily recyclable.



ECONOMY carbon fibre sheet is manufactured using multiple layers of genuine 100% 12k 2x2 carbon fibre twill reinforcements infused with epoxy resin creating a high stiffness, high strength, light weight and aesthetically pleasing material. All ECONOMY carbon fibre sheets have a glass transition temperature of 90°C with higher temperature performance available upon request. Other thicknesses and sizes available upon request.

ECONOMY	0.9mm	1.4mm	2.0mm	3.0mm	5.0mm
1220x200mm	€49.00	€59.99	€70.00	€96.50	€130.00
1220x600mm	€125.00	€180.00	€195.00	€299.99	€380.00
1220x1220mm	€235.00	€243.99	€375.00	€599.99	€695.00
1220x2440mm	€450.00	€465.00	€749.99	€1140.00	€1350.00

Prices in Euro exVat



SANDWICH core panels consist of two thin advanced composite skins that 'sandwich' an ultra low density core such as foam or honeycomb. The surface finish of both skins is smooth and glossy as standard although a matte bonding surface can be specified if desired. Customised sandwich panel constructions are possible e.g. core type/density, skin materials, thickness and temperature performance.

Carbon Fibre/Foam	6mm	11mm	21mm
1220x200mm	€91.99	€109.30	€157.00
1220x600mm	€273.72	€327.91	€471.00
1220x1220mm	€450.00	€550.00	€600.00
1220x2440mm	€595.00	€675.00	€729.87

Table indicates carbon fibre skin (0.5mm) sandwich panel using a 60kg/m³ IPN (PVC) foam core. Aluminium or Aramid honeycomb cores and custom skins available upon request.

Carbon Fibre/Honeycomb	13.7mm*	14.7mm**
1200x2400mm	€1125.00	€1350.00

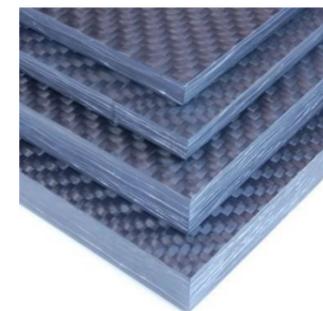
*Skins: 0.5mm Carbon fibre 2x2 Twill
 **Skins: 1.0mm Carbon fibre 2x2 Twill
 Core: 12.7mm thick, 1/4inch (6.4mm) cell size 5.2-1/4-25N-3003 Aluminium Honeycomb

Glass Fibre/Honeycomb	11mm	21mm	31mm
1200x2400mm	€295.00	€315.00	€435.00

Table indicates glass fibre skins on a 19.1mm (3/4") cell size honeycomb sandwich panel. Foam, Aluminium or Aramid honeycomb cores and custom skins available upon request.

Glass Fibre/Foam	6mm	11mm	21mm
1220x2440mm	€285.00	€290.00	€310.00

Table indicates glass fibre skins using a 60kg/m³ IPN (PVC) foam core. Custom specification of skins and foam available upon request.



Our carbon fibre **PLATE** range is manufactured with 100% carbon fibre and epoxy resin for ultimate high strength and modulus and available from 4mm to 30mm thick. Custom thickness, reinforcement type and layup specification are available upon request. Typical applications include: End-of-arm-tooling EOAT, mechanical components, bearing retainers, gears, bushings etc.

Online Shop:
www.carbonfibreshop.com

Product Information
 The website details the specifications of all our products that can be ordered online and delivered worldwide.

CNC Machining
 Send us your drawings and we will supply you the finished part

Customised products
 Simply enter your own dimensions for any sheet, plate or panel product and buy online instantly.

Technical performance datasheets
 Technical datasheets detailing mechanical, physical and temperature properties of all our products.

Technical Support
 Our website has a variety of resources and how to guides that offer expert tips on how to use our products.

The screenshot shows the website interface for 'SANDWICH PANELS'. It features a product image of a honeycomb core sandwich panel, a price range of €336.68 - €891.75 (exVAT), and a detailed description: 'Sandwich core panels consist of two 0.5mm carbon fibre skins that 'sandwich' an ultra low density (60kg/m³) closed cell IPN core. The surface finish of both skins is smooth and glossy as standard although a matte bonding surface can be specified if desired.' Below the description, there are dropdown menus for 'SANDWICH Thickness' (set to 6mm) and 'Dimensions' (with options for 1220x600mm, 1220x1220mm, and 1220x2440mm). The page also includes social media sharing icons and navigation tabs for 'DESCRIPTION', 'ADDITIONAL INFORMATION', and 'REVIEWS (6)'. At the bottom, there is a 'SANDWICH PANELS' section with a brief description.