



Key Features

- Foam Cored panel for light weight and stiffness
- Balanced laminate both sides of the core
- High Gloss finish on top, satin on back

Description

Premium quality foam cored carbon fibre panel manufactured using 100% high-strength carbon fibre reinforcement sandwiched either side of a low density structural core material. These panels have a smooth, glossy, cosmetic quality carbon fibre finish on one side and a smooth, satin finished carbon fibre finish on the reverse.

Utilising a foam core allows for a panel of maximum stiffness for the minimum possible weight. Conventional 'solid' carbon fibre sheets, made without a core material, are significantly heavier for the same deflection strength.

Typical Uses

- Lightweight Structural/Engineering Projects
- Vehicle/ Marine Panelling and Undertrays
- Universal Carbon Fibre Splitters
- Exhibition Systems / Displays
- Architectural Use

Specification

Available Sizes and Thickness

The panel is 4mm in thickness, in the following sizes: 2000x980mm, 1000x980mm, 980x500mm and 500x480mm.

Layup Schedule

To create a more uniform distribution of strength, these panels are manufactured using a symmetrical layup each side of the foam core. This helps prevent warping and gives a flatter finished panel.

The Layup Schedule of the Panels are as follows:

200gsm 3k 2x2 Twill Carbon Fibre
300g +/-45° Biax High Strength Carbon Fibre
3mm EasyCell 75 PVC Foam Core
300g +/-45° Biax High Strength Carbon Fibre
200gsm 3k 2x2 Twill Carbon Fibre

Disclaimer

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