



MODULAR FABRICATION

Celebrating the creation of spatial possibilities with advanced composite materials. Premier Composite Technologies and UNStudio at 100% Design London.

UNStudio's design for the Premier Composite Technologies (PCT) stand at 100% Design London presented a construction based on the repetition of a single geometric module. Moulded from PCT carbon/glass fibre and epoxy resin composites combined with a structural foam core, the repeated assembled units capitalise on the lightweight and extreme strength properties of the composite materials and create the potential for highly customised architectural configurations.

Ben van Berkel: "With Modular Fabrication we celebrate both the inherent qualities of composite materials and the technological expertise in the manufacturing of these. The installation celebrates the spatial possibilities created by the material and the ways that this can be appropriated in architecture."

Covering an area of 5 by 10 metres, UNStudio's installation developed like a magnified molecular structure, engaging the visitor whilst simultaneously informing about the technological capabilities of Premier Composite Technologies and the potential for the use of composite materials in architecture.

The stand was shortlisted for the prestigious Blueprint 'Best Stand' award organised by Blueprint magazine (results unknown at time of going to press).

Premier Composite Technologies is the leading global supplier of lightweight advanced composite components for the architectural industry. They have just completed the Dokaee Clock Tower project in Mecca, Saudi Arabia for whom they manufactured, engineered and installed 60,000m² of intricate composite cladding and facades as well as the largest carbon fibre clock faces and hands in the world.

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