THE COMPOSITE STORE

TECHNICAL DATA SHEET / TDS

E-Glass Biaxial Fabric ±45°

600 g/m² · Stitched multiaxial reinforcement

Dry biaxial E-Glass reinforcement with the main fibre layers oriented at +45° and -45°. Designed for composite laminates requiring efficient shear-load distribution, good drapeability and straightforward resin impregnation.

PROPERTY	SPECIFICATION
Material	E-Glass fibre
Construction	Stitched biaxial / non-crimp fabric
Fibre orientation	+45° / -45°
Nominal areal weight	600 g/m²
Supply form	Roll
Resin systems	Epoxy, polyester and vinyl ester*

TYPICAL APPLICATIONS

Marine construction and repair, structural and semi-structural laminates, industrial parts, automotive components, moulds and composite structures.

PROCESSING

Suitable for hand lay-up, vacuum infusion and other processes compatible with dry reinforcements. Fibre/resin ratio, compaction and cure cycle must be adjusted to the selected resin system and manufacturing process.

STORAGE

Store clean and dry, protected from moisture, dust, direct sunlight and contamination. Keep in the original packaging until use.

TECHNICAL NOTE	* Final compatibility must be verified with the specific resin system and manufacturing process. This TDS states only the confirmed product characteristics: E-Glass, 600 g/m² and ±45° orientation. Width, roll length, tolerances and stitching details may vary by manufacturer, product reference or batch.