

**FORMAX STYLE:** [C12K, 450, -45/+45]  
**FORMAX CODE:** FCIM136

**REINFORCING FIBRE SPECIFICATION**

**FIBRE TYPE:** 12K CARBON FIBRE  
**AREAL WEIGHT:** 451GSM (±5%)  
**SIZE COMPATABILITY:** EPOXY  
**FIBRE SPECIFICATIONS:** STANDARD MODULUS CARBON FIBRE  
**FABRIC WIDTH:** 1270MM (±5MM)

**STITCHING FIBRE SPECIFICATION**

**STITCHING THREAD:** 78DTEX TEXTURED POLYESTER  
**STITCH LENGTH:** 2.5 MM  
**STITCHING GAUGE:** 6 GG OR 2.36 ENDS/CM  
**STITCH TYPE:** PILLAR  
**STITCH WEIGHT:** 7GSM

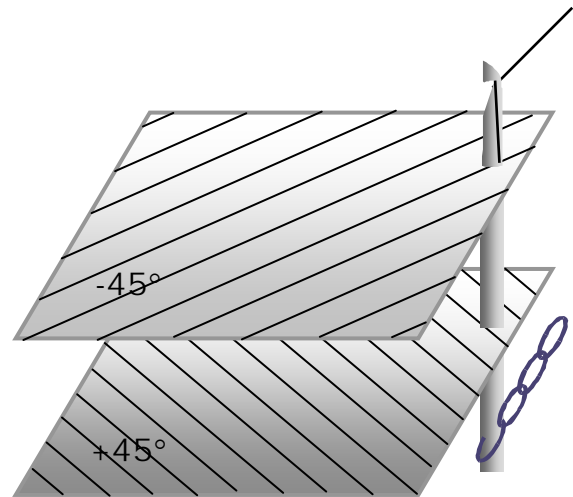
**PLY CONSTRUCTIONS**

**-45° PLY**

**FIBRE SPECIFICATION** 12K CARBON  
**FIBRE TEX** 800TEX  
**GAUGE** 5  
**PLY WEIGHT** 222GSM

**+45° PLY**

**FIBRE SPECIFICATION** 12K CARBON  
**FIBRE TEX** 800TEX  
**GAUGE** 5  
**PLY WEIGHT** 222GSM



MATERIAL PROPERTIES	-45° DIRECTION	+45° DIRECTION
FIBRE CONTENT (%)	-	-
FLEXURAL STRENGTH (N/MM <sup>2</sup> )	-	-
FLEXURAL MODULUS (KN/MM <sup>2</sup> )	-	-
TENSILE STRENGTH (N/MM <sup>2</sup> )	-	-

This information is for design evaluation only. While it is believed to be correct, it is not guaranteed in any way. Formax stresses that it is the user that shall determine the suitability of a product for its end-use, and the user that assumes all liability in connection therewith.