



# Cristex Composite Materials

Product: **E 81 P**

**Description:**

90070-FK144 is a light weight plain weave glass fibre fabric, treated with FK144. FK144 is a multifunctional finish designed to give a softer handle for hand layup fabrication. FK144 is compatible for most Polyester, Epoxy and Vinylester Resin Systems.

**Technical Data:**

Base Fabric			Tolerance	Test Method
Yarn	Warp Weft	EC9 – 34 EC9 – 34	± 5%	DIN EN 12654
Thread Count	Warp Weft	12.0 per 1cm 11.5 per 1cm	± 5%	DIN EN 1049
Tensile Strength (TYPICAL)	Warp Weft	250 N/cm 250 N/cm		DIN EN 12654
Weight		82 g/m <sup>2</sup>	± 5%	DIN EN 12127
Weave		Plain		DIN ISO 9354

**Coating: Silane/Volan treated after heat cleaning**

Finish Fabric				
Weight		80 g/m <sup>2</sup>	± 10%	DIN EN 12127
Thickness (TYPICAL)		0.15 mm	± 10%	DIN ISO 4603/E
Tensile Strength (TYPICAL)	Warp Weft	200 n/cm 200 n/cm		DIN ISO 4606
Organic Content (TYPICAL)		< 0.3%		

Note: Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user