



## TECHNICAL DATA SHEET

### 405-FK433

405-FK433 is a medium weight satin weave glass fibre fabric, treated with FK433. Style 405 is a unidirectional fabric biased in the warp direction, and as a satin weave it is very flexible for complex lay ups. FK433 is a multifunctional silane designed for high adhesion, in multi-component high pressure laminating applications, it provides improved wet out with polyester resins, and a good surface finish when ground.

#### Technical data:

Base Fabric			Tolerance	Test Methods
Yarn	Warp	EC11 – 204	± 5%	DIN EN 12654
	Weft	EC9 – 34		
Thread Count	Warp	18.9 per 1 cm	± 5%	DIN EN 1049
	Weft	12.0 per 1 cm		
Tensile Strength (typical)	Warp	1900 N/cm		DIN EN 12654
	Weft	180 N/cm		
Weight		430 g/m <sup>2</sup>	± 5%	DIN EN 12127
Weave		8 shaft satin		DIN ISO 9354
Finished Fabric				
Coating		silane treated after heat cleaning		
Weight		437 g/m <sup>2</sup>	± 10%	DIN EN 12127
Thickness (typical)		0.45 mm	± 10%	ISO 4603/E
Tensile Strength (typical)	Warp	800 N/cm		DIN ISO 4606
	Weft	75 N/cm		
Organic content (typical)		<1%		

**Important** - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes.