

## TECHNICAL DATA SHEET: 280g Twill Weave Glass Cloth

### Description

A medium weight twill weave glass fibre fabric treated with a multifunctional finish suitable for hand lay-up work with polyester, epoxy, vinyl ester resin systems. This material has a soft handle. The glass and finish combination is particularly suitable for tight radius fabrication and compound curves.

Base Fabric		Technical Data		Tolerance	Test Methods
Yarn	Warp	EC9-68(x3)		+/-5%	DIN EN 12654
	Weft	EC9-204			
Thread Count	Warp	7.0	per 1cm	+/-5%	DIN EN 1049
	Weft	6.5	per 1cm		
Tensile Strength (typical)					
	Warp	800	N/m	+/-5%	DIN ISO 4606
	Weft	700	N/m		
Weight		280	g/m <sup>2</sup>	+/-5%	DIN EN 12127
Weave		2 x 2 Twill			

### Finished Fabric

Coating	Silane/Volan treated after heat cleaning				
Weight	280	g/m <sup>2</sup>		+/-10%	DIN EN 12127
Thickness (typical)	0.3	mm		+/-10%	DIN ISO 4603/E
Tensile Strength (typical)					
	Warp	TBD	N/cm		DIN ISO 4606
	Weft	TBD	N/cm		
Organic Content (typical)	<1%				