

TECHNICAL SPECIFICATION DATA SHEET

Product name	Solus™ 850		
Coating	PTFE		
Base Fabric	Woven "EC6" glass EC6 68TEX x 3 Warp 11 Weft 9		
	Value	Unit	Test Method
Coated Fabric Weight - (nom. +/-5%)	850	g/m ²	DIN EN 22286
Thickness - (nominal)	510	Micron	DIN EN 22286
Strip Tensile-Dry			BS 3424 Part 4 Method 6 or DIN 53354
warp-Nominal/Min.	6000 / 4800	N/5cm	
fill- Nominal/Min.	5000 / 3600	N/5cm	
Strip Tensile-Wet			
warp-Nominal/Min.	n.a.	N/5cm	
fill- Nominal/Min.	n.a.	N/5cm	
Tear Strength			BS 7304 Part 4
warp- Nominal/Min.	360 / 275	N	
fill- Nominal/Min.	360 / 275	N	
Tear Propagation			DIN 53363
warp-(min.)	300	N	
fill- (min.)	300	N	
Coating Adhesion -(min)	50	N/5cm	BS 3424 Part 7 Or DIN 53357
Elongation at break - (uniaxial)			
warp-	6.0%		
fill-	8.0%		
Solar Transmission	20.0%		ASTM E-424-71
Solar Reflectance	71.0%		ASTM E-424-71
Available Width	295	cm	
Color	White (after exposure to sunlight)		

Fire Performance

Noncombustibility of Substrate	PASS		ASTM E-136
Intermittent Flame	-		ASTM E-108
Spread of Flame	-		
External Fire Exposure Roof Test	Class AA		BS 476: Part 3
Fire Propagation	Class 0		BS 476: Part 6
Spread of Flame	Class 1		BS 476: Part 7

Information contained in this document is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge or control