

# Technical Data Sheet

## ELASTOTORCH 6500 SANDED

Top Layer & Protection sheet

<b>1. Description</b>	Elastotorch 6500 Sanded is a stabilised polyester reinforced APP bituminous waterproofing membrane.
<b>2. Use</b>	Top layer and multi-purpose protection sheet in flat roof bitumen waterproofing system.
<b>3. Application method</b>	Torched.
<b>4. Storage</b>	Rolls to be stored upright and away from heat.
<b>5. Composition</b>	(Indicative).

<b>Reinforcement (g/m<sup>2</sup>)</b>	Polyester (250g/m <sup>2</sup> )	
<b>Binder (g/m<sup>2</sup>)</b>	APP	
<b>Surface finish (g/m<sup>2</sup>)</b>	Sand	
<b>Under surface finish (g/m<sup>2</sup>)</b>	Thermofusible film	

Characteristics		Standards (BS)	Units	Value	Tolerance		
					Min	Max	
Dimensions	Length	EN 1848-1	m	8	-1%		
	Width		m	1	-1%		
	Straightness		-	Pass			
	Nominal roll weight		kg	52.6			
	Thickness (on finished product)	EN 1849-1	mm	5.20	5.00	5.40	
Visible defects	New product	EN 1850-1	-	None			
	After ageing to EN 1297		-	None			
Adhesion of granules		EN 12039	%	NA			
Resistance to tearing (nail shank)	Longitudinal	EN 12310-1	N	NA	-	-	
	Cross direction			NA	-	-	
Tensile properties: maximum tensile force	Longitudinal	EN 12311-1	N/50mm	900	800		
	Cross direction			900	800		
Tensile properties: elongation	Longitudinal	EN 12311-1	%	45	35		
	Cross direction			50	40		
Peel resistance of joint	Maximum force	EN 12316-1	N/50mm	Selvage	NA	-	-
				End joint	NA	-	-
	Average force			Selvage	NA	-	-
				End joint	NA	-	-
Shear resistance of joint	Maximum force	EN 12317-1	N/50mm	Selvage	NA		
				End joint	NA		
Flexibility at low temperature	Surface	EN 1109	°C	-5	≤		
	Under surface			-5	≤		
Flow resistance at elevated temperature	New product	EN 1110	°C	130	≥		
	After ageing to EN 1296			100	≥		
Resistance to impact		EN 12691	mm	1500	≤		
Resistance to static loading		EN 12730 (A)	kg	20	≥		
Dimensional stability		EN 1107-1	%	0.5	≤		
Form stability under cyclic temperature change		EN 1108	%	NA			

Characteristics		Standards (BS)	Units	Value	Tolerance	
					Min	Max
Water vapour transmission properties	New product	EN 1931	-	$\mu=20000$		
	After ageing to EN 1296		-	NA		
Watertightness	New product	EN 1928	-	Pass	< 10 kPa	
	After ageing to EN 1296		-	NA		
Watertightness after stretching at low temperature		EN 13897	%	NA		
Reaction to fire		EN 13501-1	-	PND		
Resistance to root penetration		EN 13948	-	NA		
Dangerous substances consult: <a href="http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm">http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm</a>		-	-	None		

NA=Not applicable due to use of product.

PND=Performance not determined.

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