

# PRODUCT DATA SHEET

n° of certification organisation: 0679  
Year mark was 1<sup>st</sup> fixed : 2006

## ELASTO-TORCH UNDERLAY

Technical ref:  
FT AXTER

### DESCRIPTION

ELASTO-TORCH UNDERLAY is a glass-fibre reinforced, SBS modified bituminous membrane.

### USE

Base or intermediate later in a multi-layer flat roof waterproofing system.

### APPLICATION METHOD

Torched.

### STORAGE

Rolls to be stored upright and away from heat.

### COMPOSITION

(indicative)

Reinforcement (gm/m <sup>2</sup> ) :	Glass-fibre	50
Binder (gm/m <sup>2</sup> ) :	SBS elastomer	2,580
Surface finish (gm/m <sup>2</sup> ) :	Thermofusible film	10
Under surface finish (gm/m <sup>2</sup> ) :	Thermofusible film	10

### CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance			
				Min	Max		
Dimensions	EN 1848-1	Length	15	-1%			
		Width	1	-1%			
		Straightness	Pass				
		Nominal roll weight	39.9				
Thickness (on finished product)	EN 1849-1	mm	2.20	2.00	2.40		
			Visible defects	New product	-	None	
After ageing to EN 1297	EN 1850-1	-	NA				
			Adhesion of granules	EN 12039	%	NA	-
Resistance to tearing (nail shank)	EN 12310-1	N	NA	-	-		
			Tensile properties : maximum tensile force	Longitudinal	EN 12311-1	N/50 mm	250
Cross direction	EN 12311-1	%	150	120	280		
			Tensile properties : elongation	Longitudinal	EN 12311-1	%	3
Cross direction	EN 12311-1	%	3	2	4		
			Peel resistance of joint	EN 12316-1	N/50mm	Maximum force	Selvage
End joint	NA	-					-
Average force	Selvage	NA				-	-
	End joint	NA				-	-
Shear resistance of joint	EN 12317-1	N/50mm	Maximum force	Selvage	NA	-	-
				End joint	NA	-	-
Flexibility at low temperature	EN 1109	°C	Surface	-16	≤		
			Under surface	-16	≤		
Flow resistance at elevated temperature	EN 1110	°C	New product	100	≥		
			After ageing to EN 1296	NA			
Resistance to impact	EN 12691	mm	NA	≤			
Resistance to static loading	EN 12730 (A)	kg	NA	≥			
Dimensional stability	EN 1107-1	%	0.1	≤			
Form stability under cyclic temperature change	EN 1108	%	NA				
Water vapour transmission properties	EN 1931	-	New product	μ=20000			
			After ageing to EN 1296	NA			
Watertightness	EN 1928	-	New product	Pass	<10 kPa		
			After ageing to EN 1296	NA			
Watertightness after stretching at low temperature	EN 13897	%	NA				
Reaction to fire	EN 13501-1	-	F				
Resistance to root penetration	EN 13948	-	NA				
Dangerous substances consult :	-	-	None				

http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm  
NA=not applicable due to use of product.

The manufacturer reserves the right to modify, at any time, the characteristics of its products.