Technical Data Sheet

CAMINAXTER / AXTEP

Description	AXTEP is a stabilised polyester reinforced, elastomeric (SBS) modified bitumen waterproofing membrane. Its surface is finished with ceramic granules of a specific colour.
Use	Walkway material for flat roof waterproofing systems.
Application method	Fully bonded on to waterproofing system using torch-on technique, normally with butt joints.
Storage	Rolls to be stored upright and away from heat.
Composition	(indicative)

Reinforcement (g/m²) :	Stabilised polyester	180
Binder (g/m²) :	SBS elastomer	3,200
Surface finish (g/m²) :	Mineral slates green/red	1,000
Under surface finish (g/m²) :	Thermofusible film	10

Characteristics			Standards (BS)	Units	Value	Tolerance	
						Min	Max
Dimensions	Length		EN 1848-1	m	5	-1%	
	Width			m	1	-1%	
	Straightness			-	Pass		
	Nominal roll weight			kg	26		
	Thickness (on finished product)		EN 1849-1	mm	3.95	3.80	4.10
Visible defects	New product		EN 1850-1	-	None		
	After ageing to EN 1297			-	NA		
Adhesion of granules			EN 12039	%	15	0	30
Resistance to tearing (nail shank)	Longitudinal		EN 12310-1	N	NA	-	-
	Cross direction				NA	-	-
Tensile properties: maximum tensile force	Longitudinal		EN 12311-1	N/50 mm	690	500	850
	Cross direction				540	440	700
Tensile properties: elongation	Longitudinal		EN 12311-1	%	40	30	50
	Cross direction				50	40	60
Peel resistance of joint	Maximum force	Selvedge	EN 12316-1	N/50mm	NA	-	-
		End joint			NA	-	-
	Average force	Selvedge			NA	-	-
		End joint			NA	-	-
Shear resistance of joint	Maximum force	Selvedge	EN 12317-1	N/50mm	NA	-	-
		End joint			NA	-	-
Flexibility at low temperature	Surface		EN 1109	°C	-16	≤	
	Under surface				-16	≤	
Flow resistance at elevated temperature	New product		EN 1110	°C	100	≥	
	After ageing to EN 1296				100	90	120
Resistance to impact			EN 12691	mm	1750	≤	
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	-	μ=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: http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm		-	-	None		

NA=not applicable due to use of product. PND=performance not determined.
The manufacturer reserves the right to modify, at any time, the characteristics of this product.