

Technical Data Sheet

CAMINAXTER / AXTEP

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

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

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	40			
	Thickness (on finished product)	EN 1849-1	mm	4	±5%		
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/50mm	600	500		
	Cross direction			600	500		
Tensile properties: elongation	Longitudinal	EN 12311-1	%	35	25		
	Cross direction			35	25		
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	-15	≤		
	Under surface			-15	≤		
Flow resistance at elevated temperature	New product	EN 1110	°C	100	≥		
	After ageing to EN 1296			100	90		
Resistance to impact		EN 12691	mm	700	≥		
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	<10kPa	
	After ageing to EN 1296		-	NA		
Watertightness after stretching at low temperature		EN 13897	%	NA		
Reaction to fire		EN 13501-1	-	NA		
Resistance to root penetration		EN 13948	-	NA		

NA: Not applicable due to use of product.

NPD: No performance determined.

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