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BS EN 13707 0679-CPD-0128

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Cancels and replaces
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Code :
1406001
Manufacture source
Courchelettes (Fr-59)
Technical ref:
Technical Installation Guide
AT HYRANGER TS

PRODUCT DATA SHEET

n° of certification organisation: 0679
Year mark was 1st fixed : 2006

HYRENE (HYRANGER) TS CPV FMP SANDED

DESCRIPTION

HYRANGER TS CPV FMP Sanded is a stabilised polyester reinforced SBS elastomeric modified bituminous waterproofing membrane. Minimum side lap width is 6cm shown by a blue line. A second blue line 16cm from the edge allows the material to be identified after installation.

USE

Base or intermediate layer of the HYRANGER TS multi-layer waterproofing system for flat roofs. It can also be used as the top layer under site applied added protection.

APPLICATION METHOD

Torched.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m²) :	Stabilised polyester	120
Binder (gm/m²) :	SBS elastomer	2,600
Surface finish (gm/m²) :	Macroperforated film+sand	100
Under surface finish (gm/m²) :	Sand	300

CHARACTERISTICS

			STANDARD(BS)	UNITS	VALUES	Tolerance Min	Tolerance Max
Dimensions		Length	EN 1848-1	m	10	-1%	
		Width		m	1	-1%	
		Straightness		-	Pass		
		Nominal roll weight		kg	34.2		
		Thickness (on finished product)	EN 1849-1	mm	2.80	2.65	3.00
Visible defects		New product	EN 1850-1	-	None		
		After ageing to EN 1297		-	NA		
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/50 mm	400	320	530
		Cross direction			350	280	340
Tensile properties : elongation		Longitudinal	EN 12311-1	%	15	10	35
		Cross direction			15	10	35
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			NA	-	-
Resistance to impact			EN 12691	mm	20	≤	
Resistance to static loading			EN 12730 (A)	kg	10	≥	
Dimensional stability			EN 1107-1	%	0.3	≤	
Form stability under cyclic temperature change			EN 1108	%	NA		
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	-	F		
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.