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BS EN 13707 0679-CPD-0128

Prepared
20/02/2007
Cancels and replaces
08/10/2003
Code :
1779801
Manufacture source
Courchelettes (Fr-59)
Technical refs:
AT BARYPHALTE
CdC MIXASPHALT

PRODUCT DATA SHEET

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

BARYPRENE 25 SI

DESCRIPTION

BARYPRENE 25 SI is a glass-fibre reinforced bituminous membrane with Baryprene binder. One edge of the membrane is perforated (perforation Ø10mm); the other side is thinned over a width of 50mm.

USE

Partially bonded base layer of BARYPHALTE and MIXASPHALT system, laid under the second layer of asphalte.

APPLICATION METHOD

Loose laid with unbonded selvedge. At end laps the perforated paper has to be removed and the joints sealed with a a torch. The thinned edge of the membrane is laid on the perforated edge.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m²) :	Glass-fibre	50
Binder (gm/m²) :	Baryprene	2,550
Surface finish (gm/m²) :	Sand	250
Under surface finish (gm/m²) :	Perforated kraft paper+sand	95

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	30.7		
		Thickness (on finished product)	EN 1849-1	mm	2.70	2.50	2.90
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	450	350	550
		Cross direction			250	180	320
Tensile properties : elongation		Longitudinal	EN 12311-1	%	3	2	4
		Cross direction			3	2	4
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	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		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.