

PRODUCT DATA SHEET

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

EXCELFLEX P

Technical ref:
▶ CdC EXCELFLEX

DESCRIPTION

→ EXCELFLEX P is a stabilised polyester reinforced polymer modified bituminous, Alpa®-mix, waterproofing membrane. Its surface is finished in mineral slate chippings or ceramic granules, its under surface and laps are finished with a peel-off film. The minimum selvedge width is 7cm.

USE

→ Single layer self-protected waterproofing cap sheet on inaccessible roofs and used to treat complex areas by hot air application.

APPLICATION METHOD

→ Torched.

STORAGE

→ Rolls to be stored upright and away from heat.

COMPOSITION (indicative)

Reinforcement (gm/m ²) :	Stabilised polyester	180
Binder (gm/m ²) :	Alpa®-mix	3,000
Surface finish (gm/m ²) :	Mineral slates	1,000
	or granules	1,200
Under surface finish (gm/m ²) :	Peel-off silicone film	40

CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	10	-1%		
		Width	1	-1%		
		Straightness	-	Pass		
		Nominal roll weight	kg	49.0		
	EN 1849-1	Thickness (selvedge)	3.40	3.20	3.60	
		Visible defects	New product	-	None	
	EN 1850-1	After ageing to EN 1297	-	NA		
Adhesion of granules	EN 12039	%	15	0	30	
Resistance to tearing (nail shank)	EN 12310-1	Longitudinal	NA	-	-	
		Cross direction	NA	-	-	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	600	500	1090	
		Cross direction	600	500	990	
Tensile properties: elongation	EN 12311-1	Longitudinal	35	15	50	
		Cross direction	35	15	50	
Peel resistance of joint	EN 12316-1	Maximum force	Selvedge	NA	-	-
			End joint	NA	-	-
		Average force	Selvedge	NA	-	-
			End joint	NA	-	-
Shear resistance of joint	EN 12317-1	Maximum force	Selvedge	NA	-	-
			End joint	NA	-	-
Flexibility at low temperature	EN 1109	Surface	-14	≤		
		Under surface	-14	≤		
Flow resistance at elevated temperature	EN 1110	New product	120	≥		
		After ageing to EN 1296	110	100	120	
Resistance to impact	EN 12691	mm	NA	≤		
Resistance to static loading	EN 12730 (A)	kg	NA	≥		
Dimensional stability	EN 1107-1	%	0.3	≤		
Form stability under cyclic temperature change	EN 1108	mm	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 : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm	-	-	None			

NA=not applicable due to use of product.

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