

PRODUCT DATA SHEET

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

ALPAFLORE PY AR

Technical ref:
AT ALPAFLORE

DESCRIPTION

ALPAFLORE PY AR is a stabilised polyester reinforced polymer modified bituminous, ALPA FC, waterproofing membrane with an anti-root additive. Its surface is finished in mineral slate chippings. The minimum selvedge width is 6cm.

USE

ALPAFLORE PY AR is used as the cap sheet or second layer in the ALPAFLORE waterproofing system for green roofs (traditional or extensive vegetation), and multi-function, self-protected terraces.

APPLICATION METHOD

Fully bonded by torching.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m ²) :	Stabilised polyester	180
Binder (gm/m ²) :	ALPA FC anti-root	2,930
Surface finish (gm/m ²) :	Mineral slates	1,000
Under surface finish (gm/m ²) :	Sand	300

CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	10	-1%		
		Width	1	-1%		
		Straightness	Pass			
Nominal roll weight	EN 1849-1	Nominal roll weight	43.6			
		Thickness (selvedge)	2.95	2.80	3.10	
Visible defects	EN 1850-1	New product	None			
		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	750	500	1000	
		Cross direction	750	500	850	
Tensile properties : elongation	EN 12311-1	Longitudinal	35	25	50	
		Cross direction	35	25	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	NA			
Resistance to impact	EN 12691	mm	20	≤		
Resistance to static loading	EN 12730 (A)	kg	20	≥		
Dimensional stability	EN 1107-1	%	0.5	≤		
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	-	Pass			
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.