

# PRODUCT DATA SHEET

n° of certification organisation: 0679  
Year mark was 1<sup>st</sup> 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 <sup>2</sup> ) :	Stabilised polyester	180
Binder (gm/m <sup>2</sup> ) :	ALPA FC anti-root	2,680
Surface finish (gm/m <sup>2</sup> ) :	Mineral slates	1,300
Under surface finish (gm/m <sup>2</sup> ) :	Film	10

### 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)	3.20	3.00	3.40	
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	550	440	660	
Tensile properties : elongation	EN 12311-1	Longitudinal	35	25	45	
		Cross direction	35	25	45	
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	1500	≤		
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		
			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 : <a href="http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm">http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm</a>	-	-	None			

NA=not applicable due to use of product.

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