

PRODUCT DATA SHEET

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

ARMALU

DESCRIPTION

ARMALU is a glass-fibre reinforced SBS elastomeric bitumen membrane with aluminium foil on the surface and thermofusible film on its undersurface. Minimum width of selvedge is 70mm. Available in a range of colours. Reflectivity coefficient of Armalu Blanc (White) - code 1499031: > 0.78.

USE

Capsheet for upstands / reinforced vapour control layer on concrete decks / capsheet for TOPMETAL S.

APPLICATION METHOD

Torched.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m ²) :	Stabilised glass-fibre	60
Binder (gm/m ²) :	SBS elastomer	4,450
Surface finish (gm/m ²) :	Aluminium sheet 7/100	180
Under surface finish (gm/m ²) :	Thermofusible film	10

CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	5	-1%		
		Width*	1	-1%		
		Straightness	-	Pass		
	EN 1849-1	Nominal roll weight	26.3	25.3	27.8	
		Thickness (selvedge)	3.65	3.50	3.80	
Visible defects	EN 1850-1	New product	-	None		
		After ageing to EN 1297	-	NA		
Adhesion of granules	EN 12039	%	NA	-	-	
Resistance to tearing (nail shank)	EN 12310-1	Longitudinal	350	250	450	
		Cross direction	350	250	450	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	880	600	1160	
		Cross direction	830	600	1060	
Tensile properties : elongation	EN 12311-1	Longitudinal	10	3	17	
		Cross direction	11	3	19	
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	-10	≤		
		Under surface	-10	≤		
Flow resistance at elevated temperature	EN 1110	New product	90	≥		
		After ageing to EN 1296	100	90	110	
Resistance to impact	EN 12691	mm	NA	≤		
Resistance to static loading	EN 12730 (A)	kg	NA	≥		
Dimensional stability	EN 1107-1	%	PND	≤		
Form stability under cyclic temperature change	EN 1108	%	0.3	≤		
Water vapour transmission properties	EN 1931	New product	-	1021		
		After ageing to EN 1296	-	1384		
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	-	NA			
Dangerous substances consult : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm	-	-	None			

* Also available in 200mm strips for detailing and upstands.

NA=not applicable due to use of product. PND = Performance not determined.

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