

PRODUCT DATA SHEET

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

Technical ref:

FT AXTER

B3A PLUS

DESCRIPTION

B3A PLUS is a glass-fibre reinforced elastomeric modified bituminous membrane with a surface finish of 12/100°mm aluminium. The minimum selvage width is 6cm.

USE

Base layer in a mixed system of bituminous layer + mastic asphalt layer. This layer is installed by pouring and rolling in hot bitumen only on a layer of bituminous or epoxy primer.

APPLICATION METHOD

Pour and roll.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION (indicative)

Reinforcement (gm/m ²) :	Glass-fibre	50
Binder (gm/m ²) :	Elastomer	3,200
Surface finish (gm/m ²) :	Aluminium 120 µm	320
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	38.9			
Visible defects	EN 1849-1	Surface mass	3.90	3.70	4.20	
		New product	-	None		
Adhesion of granules	EN 1850-1	After ageing to EN 1297	-	NA		
		EN 12039	%	NA	-	-
Resistance to tearing (nail shank)	EN 12310-1	Longitudinal	NA	-	-	
		Cross direction	NA	-	-	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	700	600	800	
		Cross direction	550	450	650	
Tensile properties : elongation	EN 12311-1	Longitudinal	5	3	7	
		Cross direction	6	4	8	
Peel resistance of joint	EN 12316-1	Maximum force	Selvage	NA	-	-
			End joint	NA	-	-
		Average force	Selvage	NA	-	-
			End joint	NA	-	-
Shear resistance of joint	EN 12317-1	Maximum force	Selvage	NA	-	-
			End joint	NA	-	-
Flexibility at low temperature	EN 1109	Surface	-6	≤		
		Under surface	-6	≤		
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	%	0.03	≤		
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 :	-	-	None			

http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm
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.