

PRODUCT DATA SHEET

TOPFIX FMP

Technical ref:
AT TOPFIX

and TOPFLAM

DESCRIPTION

TOPFIX FMP is a stabilised polyester reinforced SBS elastomeric modified bituminous waterproofing membrane. The surface is marked with two gold lines 5cm and 12cm from the roll edge to indicate the position of mechanical fixings and side lap joints.

USE

Base layer of the mechanically fixed TOPFIX two layer system: in this case the TOPFIX FMP is fixed along the selvedge.
Reinforced base layer of the two-layer TOPFLAM torch-on system: in this case the TOPFIX FMP is fully bonded to the deck or torch receivable insulation. (6cm lap).

APPLICATION METHOD

Torched.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m ²) :	Stabilised polyester	120
Binder (gm/m ²) :	SBS Elastomer	2,570
Surface finish (gm/m ²) :	Macroperforated film+sand	100
Under surface finish (gm/m ²) :	Thermofusible film	10

CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	10		-1%	
		Width	1		-1%	
		Straightness	-	Pass		
	EN 1849-1	Nominal roll weight	30.8			
		Thickness (finished product)	2.65	2.50	2.80	
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	180	140	210	
		Cross direction	150	120	200	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	400	320	530	
		Cross direction	275	250	295	
Tensile properties : elongation	EN 12311-1	Longitudinal	25	10	45	
		Cross direction	25	10	70	
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	-16		≤	
		Under surface	-16		≤	
Flow resistance at elevated temperature	EN 1110	New product	100		≥	
		After ageing to EN 1296	NA			
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	%	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.