

PRODUCT DATA SHEET

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

Technical ref:

PAXA 40

DESCRIPTION

PAXA 40 is a glass-fibre reinforced oxidised bitumen waterproofing membrane incorporating a metallic protective finish. Minimum selvedge width is 6cm.

USE

Capsheet for flat roof waterproofing systems.

APPLICATION METHOD

Torched.

STORAGE

Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m ²) :	Glass-fibre	50
Binder (gm/m ²) :	Oxidised bitumen	1,900
Surface finish (gm/m ²) :	40µm aluminium	100
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		
	EN 1849-1	Nominal roll weight	24.2			
		Surface mass	kg/m ²	2.40	2.30	2.70
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	NA	-	-	
		Cross direction	NA	-	-	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	600	400	800	
		Cross direction	350	300	400	
Tensile properties : elongation	EN 12311-1	Longitudinal	3	2	5	
		Cross direction	3	2	5	
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	0	≤		
		Under surface	0	≤		
Flow resistance at elevated temperature	EN 1110	New product	80	≥		
		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	%	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		
		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.
PND=performance not determined