

PRODUCT DATA SHEET

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

WILOTEKT-PLUS PROTECTION MEMBRANE

DESCRIPTION

Wilotekt-Plus membrane is a stabilised polyester reinforced SBS elastomeric modified bitumen waterproofing membrane. The membrane is finished on both sides with sand.

USE

Top layer in the application of Wilotekt-Plus composite structural waterproofing. For use on inverted and green roof systems and under surfacing such as paving (bedded or on Axter paving supports) and tarmacadam.

APPLICATION METHOD

Wilotekt-Plus membrane is designed to be unrolled and laid into heated Wilotekt-Plus compound forming a fusion bonded system.

STORAGE

Rolls to be stored upright and away from heat. Rolls to be kept dry prior to application of the system.

COMPOSITION

(indicative)

Reinforcement (gm/m ²) :	Stabilised polyester	180
Binder (gm/m ²) :	SBS elastomer	3,900
Surface finish (gm/m ²) :	Sand	300
	Sand	300
Under surface finish (gm/m ²) :	Thermofusible film	10

CHARACTERISTICS

CHARACTERISTICS	STANDARD(BS)	UNITS	VALUES	Tolerance	
				Min	Max
Dimensions	EN 1848-1	Length	7.5	-1%	
		Width	1	-1%	
		Straightness	Pass		
Nominal roll weight	EN 1849-1	kg	38.4		
		Thickness (selvedge)	3.85	3.70	4.00
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	190	150	230
		Cross direction	230	170	290
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	750	400	940
		Cross direction	750	350	890
Tensile properties : elongation	EN 12311-1	Longitudinal	35	25	60
		Cross direction	NA	-	-
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	1000	≤	
Resistance to static loading	EN 12730 (A)	kg	20(A) / 5(B)	≥	
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		<60kPa
		After ageing to EN 1296	Pass		
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.

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