

PRODUCT DATA SHEET

n° of certification organisation: 0679

Year mark was 1st fixed : 2006

FORCE 4000 TRAFIC SP

Technical ref:

▶ AENOR

DESCRIPTION

→ FORCE 4000 TRAFIC SP is a stabilised polyester reinforced, SBS elastomeric modified bituminous waterproofing membrane with anti-root additive. Its surface is finished with white mineral granules. Minimum selvedge width is 9cm.

USE

→ Used as top layer with added bitumen based protection (mastic asphalt, macadam) to waterproof terraces with vehicular access. FORCE 4000 TRAFIC SP can also be used on terrace roofs or for waterproofing underground structures.

APPLICATION METHOD

→ Torched.

STORAGE

→ Rolls to be stored upright and away from heat.

COMPOSITION

(indicative)

Reinforcement (gm/m ²) :	Stabilised polyester	180
Binder (gm/m ²) :	Anti-root SBS elastomer	3,390
Surface finish (gm/m ²) :	Mineral granules	1,200
Under surface finish (gm/m ²) :	Thermofusible film	10

CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	8		0%	
		Width	1		-1%	
		Straightness	-	Pass		
	EN 1849-1	Nominal roll weight	40.0			
		Surface mass	5.00	4.80	5.50	
Visible defects	EN 1850-1	New product	-	None		
		After ageing to EN 1297	-	NA		
Adhesion of granules	EN 12039	%	15	0	30	
Resistance to tearing (nail shank)	EN 12310-1	Longitudinal	NA	-	-	
		Cross direction	NA	-	-	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	700	500	900	
		Cross direction	560	300	820	
Tensile properties : elongation	EN 12311-1	Longitudinal	40	30	50	
		Cross direction	50	30	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	560	300	820
			End joint	700	500	900
Flexibility at low temperature	EN 1109	Surface	-10		≤	
		Under surface	-10		≤	
Flow resistance at elevated temperature	EN 1110	New product	100		≥	
		After ageing to EN 1296	NA			
Resistance to impact	EN 12691	mm	20		≤	
Resistance to static loading	EN 12730 (A)	kg	20		≥	
Dimensional stability	EN 1107-1	%	0.5		≤	
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	-	Pass			
Dangerous substances consult :	-	-	None			

Dangerous substances consult :
<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 its products.