Technical Data Sheet

FORCE 4000 TRAFIC

Capsheet

1.	**Description**	Force 4000 TRAFIC is a stabilised polyester reinforced, SBS elastomeric modified bitumen waterproofing membrane treated with anti-root additive. Its surface is finished with natural slate mineral granules; it is finished on its under surface with a thermofusible film. Minimum selvedge width is 80mm.
2.	**Use**	Self-protected capsheet in warm roof, multilayer bitumen membrane waterproofing systems for living roofs or underground structures.
3.	**Application Method**	Fully bonded, with fully sealed joints, using torch-on technique to form a continuous layer.
4.	**Storage**	Rolls to be stored upright, under cover, without stacking and away from heat.
5.	**Composition**	(Indicative). See below.

Reinforcement (g/m²) :	Stabilised polyester	250
Binder (g/m²) :	Anti-root SBS elastomer	3,853
Surface finish (g/m²) :	Mineral slate	1000 - 1200
Under surface finish (g/m²) :	Thermofusible film	10

Characteristics			Standards (BS)	Units	Value	Tolerance	
						Min	Max
Dimensions	Length		EN 1848-1	m	5 or 8	-1%	
	Width			m	1	-1%	
	Nominal roll weight		EN 1849-1	kg	≈ 25 (5m) ≈ 41 (8m)	-	-
	Thickness (on finished product)			mm	4	± 5	
Resistance to tearing (nail shank)	Longitudinal		EN 12310-1	N	150	-	-
	Cross direction				150	-	-
Tensile properties: maximum strength	Longitudinal		EN 12311-1	N/50mm	800	-	-
	Cross direction				800	-	-
Tensile properties: maximum elongation	Longitudinal		EN 12311-1	%	35	-	-
	Cross direction				40	-	-
Shear resistance of joint	Maximum force	Selvedge	EN 12317-1	N/50mm	NA	-	-
		End joint			NA	-	-
Flexibility at low temperature			EN 1109	°C	≤-15		
Flow resistance at elevated temperature			EN 1110	°C	≥ 100		
Resistance to impact (method A)			EN 12691	mm	≥ 1000		
Resistance to static loading (method A)			EN 12730 (A)	kg	≥ 20		
Resistance to compaction of an asphalt layer			EN 14692	-	Conform		
Resistance to root penetration			EN 13948	-	Conform		

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