

TECHNICAL DATASHEET

TERRAGUM E 180 3 S/F

Technical ref
AXTER DATASHEET

PRESENTATION

TERRAGUM E 180 3 S/F is a stabilised polyester reinforced APP bituminous waterproofing membrane.

USAGE

Capsheet in roof waterproofing system

LAY OUT

To torch out

STORAGE

Rolls to be stored upright, without stacking and under cover

COMPOSITION

(for information)

Reinforcement (g/m ²) :	Polyester	180
Binder (g/m ²) :	APP	2900
Finishing surface (g/m ²) :	Sand	300
Finishing underside (g/m ²) :	Thermofusible film	10

CHARACTERISTICS

		NORMS	UNITS	VALUES	Tolerance	
					Min	Max
Dimensions	Length	EN 1848-1	m	10	0%	
	Width		m	1	-1%	
	Straightness		-	Pass		
Thickness		EN 1849-1	mm	3.0	2.80	3.20
Visual defects		EN 1850-1	-	Before artificial ageing	Without	
				After Artificial ageing according to EN 1297	Without	
Adhesion of granules		EN 12039	%	NR	-	-
Resistance to tearing		EN 12310-1	N	longitudinal	NR	-
				transverse	NR	-
Tensile properties : maximal tensile strength		EN 12311-1	N/50 mm	longitudinal	1000	680
				transverse	750	560
Tensile properties : maximal elongation		EN 12311-1	%	longitudinal	45	35
				transverse	45	35
Peel resistance		EN 12316-1	N/50mm	Maximal strength	NR	-
				Average strength	NR	-
Shear resistance		EN 12317-1	N/50mm	longitudinal	NR	-
				transverse	NR	-
Flexibility at low temperature (pliability)		EN 1109	°C	Surface	-5	≤
				Underside	-5	≤
Flow resistance at elevated temperature		EN 1110	°C	Before artificial ageing	120	≥
				After Artificial ageing according to EN 1296	90	≥
Resistance to impact		EN 12691	mm	400	≤	
Resistance to static loading		EN 12730 (A)	kg	20	≥	
Dimensional stability		EN 1107-1	%	0.3	≤	
Form stability under cyclic temperature change		EN 1108	mm	NR		
Water vapour properties		EN 1931	-	Before artificial ageing	μ=20000	
				After Artificial ageing according to EN 1296	NR	
Watertightness		EN 1928	-	Before artificial ageing	Waterproof	under 10 kPa
				After Artificial ageing according to EN 1296	NR	
Watertightness after stretching at low temperature		EN 13897	%	NR		
Reaction to fire		EN 13501-1	-	F		
Resistance to root penetration		EN 13948	-	NR		
Dangerous substances according to database "Dangerous substances" : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm		-	-	None		

NR=not relevant

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