

## TECHNICAL DATASHEET

### TERRAGUM A 4,5kg G

Technical ref  
AXTER DATASHEET

#### PRESENTATION

TERRAGUM A 4,5kg G is a stabilised polyester reinforced APP bituminous waterproofing membrane, self protected with a mineral surface.

#### 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 <sup>2</sup> ) :	Polyester	120
Binder (g/m <sup>2</sup> ) :	APP	3200
Finishing surface (g/m <sup>2</sup> ) :	Mineral granules	1200
Finishing underside (g/m <sup>2</sup> ) :	Thermofusible film	10

#### CHARACTERISTICS

	NORMS	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	10	0%		
		Width	1	-1%		
		Straightness	Pass			
Surface mass	EN 1849-1	kg/m <sup>2</sup>	4.5	4.30	4.70	
Visual defects	EN 1850-1	Before artificial ageing	Without			
		After Artificial ageing according to EN 1297	NR			
Adhesion of granules	EN 12039	%	15	0	30	
Resistance to tearing	EN 12310-1	longitudinal	NR	-	-	
		transverse	NR	-	-	
Tensile properties : maximal tensile strength	EN 12311-1	longitudinal	530	320	650	
		transverse	350	240	400	
Tensile properties : maximal elongation	EN 12311-1	longitudinal	25	20	40	
		transverse	40	25	55	
Peel resistance	EN 12316-1	Maximal strength	longitudinal	NR	-	-
			transverse	NR	-	-
		Average strength	longitudinal	NR	-	-
			transverse	NR	-	-
Shear resistance	EN 12317-1	Maximal strength	longitudinal	NR	-	-
			transverse	NR	-	-
Flexibility at low temperature (pliability)	EN 1109	Surface	-5	≤		
		Underside	-5	≤		
Flow resistance at elevated temperature	EN 1110	Before artificial ageing	110	≥		
		After Artificial ageing according to EN 1296	90	≥		
Resistance to impact	EN 12691	mm	600	≤		
Resistance to static loading	EN 12730 (A)	kg	10	≥		
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" : <a href="http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm">http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm</a>	-	-	None			

NR=not relevant

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