

PRODUCT DATA SHEET

COLETANCHE SC1

DESCRIPTION

COLETANCHE SC1 is an SBS elastomeric modified bituminous geomembrane.
Rolls standards dimensions are 5.05m x 140m - Other dimensions on request

USE

Very low level of mechanical constraints, covered with top soil, no risk of puncture or tension:
- Gutters
- Curved Gutters
Other product uses must be validated by Axter Coletanche® Inc

APPLICATION METHOD

Welded joints

STORAGE

Rolls must not be stored directly on the ground. They must be laid supported on concrete blocks, trestles or timber beams) min 50 cm height, placed under the mandrel ends.

COMPOSITION

(indicative)

Reinforcement (g/m ²) :	Non-woven geotextile	250
Binder (g/m ²) :	Elastomeric SBS	2000
Surface finish (g/m ²) :	Sand	200
Under surface finish (g/m ²) :	Polyester	15

CHARACTERISTICS

	STANDARD	UNITS	VALUES	Tolerance	
				Min	Max
Dimensions	-	Length	139	≥	
		Width	5.00	≥	
Thickness (on finished product)	ASTM D 5199	mm	2.20	2.00	3.00
Surface mass	ASTM D 3776	kg/m ²	2.50	2.20	3.20
Resistance to tearing	ASTM D 4073	Longitudinal	600	550	
		Cross direction	550	500	
Tensile properties : maximum tensile strength	ASTM D 7275	Longitudinal	25	23	
		Cross direction	21	17	
Tensile properties : elongation	ASTM D 7275	Longitudinal	40	35	
		Cross direction	40	30	
Tensile properties : maximum tensile strength	ASTM D 4595	Longitudinal	27	24	
		Cross direction	23	20	
Tensile properties : elongation	ASTM D 4595	Longitudinal	74	60	
		Cross direction	74	60	
Static Puncture	ASTM D 4833	N	580	500	
Flexibility at low temperature	ASTM D 5147	Surface	-16		
		Under surface	-16		
Water permeability (liquid tightness)	ASTM E 96	m/s	6.10 ⁻¹⁴		
Gas permeability (gas tightness)	ASTM D 1434	m ³ /(m ² .j.atm)	1.024.10 ⁻¹⁴		

NOTE: AXTER COLETANCHE INC. may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.

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

