

PRODUCT DATA SHEET

COLETANCHE SC1

DESCRIPTION

COLETANCHE SC1 is an SBS elastomeric modified bituminous geomembrane.
Rolls standards dimensions are 5.10 m x 140 m - Other dimensions upon request

USE

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

APPLICATION METHOD

By torch welding or other similar technique.

STORAGE

Rolls must not be stored directly on the ground. Provide suitable supports (blocks, slides, wooden planks) with a minimum height of 50 cm to be placed under the ends of the mandrel.

COMPOSITION

(indicative)

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

CHARACTERISTICS

		STANDARD	UNITS	AVERAGE	Min
Dimensions	Length	-	m	140	139
	Width		m	5,1	5,00
Thickness (on finished product)		ASTM D 5199	mm	2,20	2,00
Surface mass		ASTM D 3776	kg/m ²	2,50	2,20
Resistance to tearing	Longitudinal	ASTM D 4073	N	600	550
	Cross direction			550	500
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	kN/m	25	23
	Cross direction			21	17
Tensile properties : elongation	Longitudinal	ASTM D 7275	%	40	35
	Cross direction			40	30
Static Puncture		ASTM D 4833	N	580	500
Flexibility at low temperature	Longitudinal	ASTM D 5147	°C	-15	≤
	Cross direction			-15	≤
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)	2.10 ⁻⁴	<

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.

