

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

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 1.5 ft to be placed under the ends of the mandrel.

COMPOSITION

(indicative)

Reinforcement (oz/yd ²) :	Non-woven geotextile	7.4
Binder (oz/yd ²) :	Elastomeric SBS	59.0
Surface finish (oz/yd ²) :	Sand	7.4
Under surface finish (oz/yd ²) :	Polyester	0.4

CHARACTERISTICS

		STANDARD	UNITS	AVERAGE	Min
Dimensions	Length	-	ft	459	456
	Width		ft	16.7	16.4
Thickness (on finished product)		ASTM D 5199	mils	87	79
Mass per Unit Area		ASTM D 3776	oz/yd ²	74	65
Resistance to tearing	Longitudinal	ASTM D 4073	lbf	135	124
	Cross direction			124	112
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	lbf/in.	143	131
	Cross direction			120	97
Tensile properties : elongation	Longitudinal		%	40	35
	Cross direction			40	30
Static Puncture		ASTM D 4833	lbf	130	112
Flexibility at low temperature	Longitudinal	ASTM D 5147	°F	5	≤
	Cross direction			5	≤
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.

