

PRODUCT DATA SHEET

COLETANCHE SC1

DESCRIPTION

COLETANCHE SC1 is an SBS elastomeric modified bituminous geomembrane.

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.

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

CHARACTERISTICS

		STANDARD	UNITS	AVERAGE	Min
Dimensions	Length	EN 1848-1	m	140	139
	Width		m	5.1	5.00
Thickness (on finished product)		EN 1849-1	mm	2.20	2.00
Surface mass		EN 1849-1	kg/m ²	2.50	2.20
Tensile properties : maximum tensile strength	Longitudinal	EN 12311-1	N/50 mm	1100	900
	Cross direction			1000	800
Tensile properties : elongation	Longitudinal	EN 12311-1	%	35	25
	Cross direction			35	25
Flexibility at low temperature		EN 1109	°C	-16	≤
Static Puncture	Resistance	EN ISO 12236	kN	2.7	2.4
	Move		mm	35	30
Water permeability (liquid tightness)		EN 14150	m ³ /m ² /j	1.10 ⁻⁶	<
Gas permeability (gas tightness)		ASTM D 1434-82	m ³ /(m ² .j.atm)	2.10 ⁻⁴	<
Dangerous substances consult : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm		-	-	None	
Durability					
Oxidation	Tensile strength according to EN 12311-1	EN 14575	%	100	75
				100	75
Weathering	retained tensile strength according to EN 12226	EN 12224	%	100	75
				100	75

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

