

Product data sheet

COLETANCHE SC1

Description

Coletanche SC1 is an elastomeric modified bituminous geomembrane.

Use

Very low level of mechanical constraints, covered with no risk of puncture or stress. For example:

- Gutters,
- Channels, highway and roadway ditches.

Requires cover in areas where the geomembrane can be damaged (immediate proximity to the road for example). May remain exposed in other cases.

The product use must be validated by consultation.

Application method

By torch welding or other similar process.

Storage

Rolls must not be stored directly on the ground. Provide suitable supports (blocks, slides, wooden planks) with a minimum height of 35 cm to be placed under the ends of the mandrel.

Composition (indicative)

Reinforcement:	Geotextile	250 g/m ²
Reinforcement:		-
Binder:	Elastomeric bitumen	2100 g/m ²
Surface finish:	Sand	250 g/m ²
Underside finish:	Silicone coated film	15 g/m ²

Characteristics

		Standards	Units	Average	Minimum
Dimensions	Length	EN 1868-1	m	140	139
	Width		m	5,10	5,01
Thickness (on finished product)		EN 1869-1	mm	2,20	2,00
Surface mass		EN 1869-1	kg/m ²	2,50	2,20
Tensile properties: Strength	Longitudinal direction	EN 12311-1	N/50 mm	1250	1000
	Cross direction			1090	900
Tensile properties: Elongation	Longitudinal direction		%	35	25
	Cross direction			35	25
Flexibility at low temperature		EN 1109	°C	-20	-16
Static puncture	Resistance	EN ISO 12236	kN	3,9	3,2
	Displacement		mm	50	40
Water permeability		EN 14150	m ³ /m ² /d	1.10 ⁻⁶	<
Gas permeability		ASTM D1434-82	m ³ /(m ² .d.atm)	2.10 ⁻⁴	<
Dangerous substances according to the database "Dangerous substances" available on: 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
				Maximum elongation	100
Weathering	Residual value according to EN 12226	EN 12224	%	100	75
				Maximum elongation	100