

PRODUCT DATA SHEET

COLETANCHE XP C

DESCRIPTION

COLETANCHE XPC is an SBS elastomeric modified bituminous geomembrane.

USE

Very low level of mechanical constraints, covered with top soil, no risk of puncture or tension:
- Ditches,
- Culverts.
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 1.2 ft to be placed under the ends of the mandrel.

COMPOSITION

(indicative)

Reinforcement (g/m ²) :	Geotextile	175
Binder (g/m ²) :	Elastomeric SBS	2100
Surface finish (g/m ²) :	Sand	250
Under surface finish (g/m ²) :	Siliconed film	10

CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	-	m	140	139
	Width		m	5,10	5,01
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	500
	Cross direction			500	400
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	kN/m	19	15
	Cross direction			16	12,6
Tensile properties : elongation	Longitudinal		%	35	25
	Cross direction			35	25
Static Puncture		ASTM D 4833	N	400	360
Flexibility at low temperature	Longitudinal	ASTM D 5147	°C	-20	-15
	Cross direction			-20	-15
Water permeability (liquid tightness)		ASTM E 96	m/s	6.10 ⁻¹⁴	<
Gas permeability (gas tightness)		ASTM D 1434-82	m ³ /(m ² .j.atm)	2.10 ⁻⁴	<

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

