

PRODUCT DATA SHEET

COLETANCHE XP 1

DESCRIPTION

COLETANCHE XP 1 is an SBS elastomeric modified bituminous geomembrane.

USE

Very low level of mechanical constraints, covered with top soil, for use as an environmental protection and groundworks waterproofing, in particular :

- Low water basin,
 - Ditches,
 - Landfill covers,
 - Waste tip covers, of moderate height.
- Product use 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 35 cm to be placed under the ends of the mandrel.

COMPOSITION

(indicative)

Reinforcement (g/m ²) :	Geotextile	175
Binder (g/m ²) :	Elastomeric SBS	3800
Surface finish (g/m ²) :	Sand	250
Under surface finish (g/m ²) :	Siliconed film	10

CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	-	m	100	99
	Width		m	5,10	5,01
Thickness (on finished product)		ASTM D 5199	mm	3,20	3,00
Surface mass		ASTM D 3776	kg/m ²	4,30	3,90
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	18	12
	Cross direction			14	10
Tensile properties : elongation	Longitudinal		%	40	30
	Cross direction			40	30
Static Puncture		ASTM D 4833	N	430	390
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 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.

