

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

COMPOSITION

(indicative)

Reinforcement (oz/yd ²) :	Geotextile	5,2
Binder (oz/yd ²) :	Elastomeric SBS	112,1
Surface finish (oz/yd ²) :	Sand	7,4
Under surface finish (oz/yd ²) :	Siliconed film	0,3

CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	-	ft	328	325
	Width		ft	16,7	16,4
Thickness (on finished product)		ASTM D 5199	mils	126	118
Mass per Unit Area		ASTM D 3776	oz/yd ²	127	115
Resistance to tearing	Longitudinal	ASTM D 4073	lbf	135	112
	Cross direction			112	90
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	lbf/in.	103	69
	Cross direction			80	57
Tensile properties : elongation	Longitudinal		%	40	30
	Cross direction			40	30
Static Puncture		ASTM D 4833	lbf	97	88
Flexibility at low temperature	Longitudinal	ASTM D 5147	°F	-4	5
	Cross direction			-4	5
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.

