

PRODUCT DATA SHEET

COLETANCHE XP 3

DESCRIPTION

COLETANCHE XP 3 is an SBS elastomeric modified bituminous geomembrane.

USE

Extreme level of mechanical resistance, for use as environmental protection and groundworks waterproofing, in particular :

- Railways, directly under ballast,
- Dams

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	7,4
Binder (oz/yd ²) :	Elastomeric SBS	128,3
Surface finish (oz/yd ²) :	Sand	7,4
Under surface finish (oz/yd ²) :	Película siliconada	0,3

CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	-	ft	262	259
	Width		ft	16,7	16,4
Thickness (on finished product)		ASTM D 5199	mils	146	138
Surface mass		ASTM D 3776	oz/yd ²	145	133
Resistance to tearing	Longitudinal	ASTM D 4073	lbf	180	157
	Cross direction			169	146
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	lbf/in.	148	114
	Cross direction			126	103
Tensile properties : elongation	Longitudinal	ASTM D 7275	%	40	30
	Cross direction			40	30
Static Puncture		ASTM D 4833	lbf	130	121
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.

