

# 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 35 cm to be placed under the ends of the mandrel.

### COMPOSITION

(indicative)

Reinforcement (g/m <sup>2</sup> ) :	Geotextile	250
Binder (g/m <sup>2</sup> ) :	Elastomeric SBS	4350
Surface finish (g/m <sup>2</sup> ) :	Sand	250
Under surface finish (g/m <sup>2</sup> ) :	Siliconed film	10

### CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	-	m	80	79
	Width		m	5,10	5,01
Thickness (on finished product)		ASTM D 5199	mm	3,70	3,50
Surface mass		ASTM D 3776	kg/m <sup>2</sup>	4,90	4,50
Resistance to tearing	Longitudinal	ASTM D 4073	N	800	700
	Cross direction			750	650
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	kN/m	26	20
	Cross direction			22	18
Tensile properties : elongation	Longitudinal		%	40	30
	Cross direction			40	30
Static Puncture		ASTM D 4833	N	580	540
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 <sup>-14</sup>	<
Gas permeability (gas tightness)		ASTM D 1434-82	m <sup>3</sup> /(m <sup>2</sup> .j.atm)	2.10 <sup>-4</sup>	<

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.

