

PRODUCT DATA SHEET

COLETANCHE XP3 HFA

DESCRIPTION

COLETANCHE XP3 HFA 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.

The geomembrane has the same friction angle on both sides.

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	250
Binder (g/m ²) :	Elastomeric SBS	4350
Surface finish (g/m ²) :	Sand	250
Under surface finish (g/m ²) :	Peel-off siliconed film	40

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 ²	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 ⁻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.

