

PRODUCT DATA SHEET

COLETANCHE XP4 HFA

DESCRIPTION

COLETANCHE XP4 HFA is an SBS elastomeric modified bituminous geomembrane.

USE

Extreme level of mechanical resistance, for use as environmental protection and droungworks waterproofing (aggressive materials, reinforced precautions), 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	300
Binder (g/m ²) :	Elastomeric SBS	5000
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	65	64
	Width		m	5,10	5,01
Thickness (on finished product)		ASTM D 5199	mm	4,20	4,00
Surface mass		ASTM D 3776	kg/m ²	5,50	5,10
Resistance to tearing	Longitudinal	ASTM D 4073	N	900	800
	Cross direction			850	750
Tensile properties : maximum tensile strength	Longitudinal	ASTM D 7275	kN/m	28	24
	Cross direction			26	22
Tensile properties : elongation	Longitudinal		%	40	30
	Cross direction			40	30
Static Puncture		ASTM D 4833	N	650	600
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.

