

## PRODUCT DATA SHEET

### COLETANCHE XP3 HFA

Technical ref. :  
FT AXTER

#### 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 (gm/m <sup>2</sup> ) :	Geotextile	250
Binder (gm/m <sup>2</sup> ) :	Elastomeric SBS	4350
Surface finish (gm/m <sup>2</sup> ) :	Sand	250
Under surface finish (gm/m <sup>2</sup> ) :	Peel-off siliconed film	40

#### CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	EN 1848-1	m	80	79
	Width		m	5,10	5,01
Thickness (on finished product)		EN 1849-1	mm	3,7	3,5
Surface mass		EN 1849-1	kg/m <sup>2</sup>	4,90	4,50
Tensile properties : Maximum Tensile Strength	Longitudinal	EN 12311-1	N/50 mm	1250	1000
	Cross direction			1090	900
Tensile properties : Elongation	Longitudinal	EN 12311-1	%	35	25
	Cross direction			35	25
Flexibility at low temperature		EN 1109	°C	-20	-16
Static Puncture	Resistance	EN ISO 12236	kN	3,9	3,2
	Displacement		mm	50	40
Water permeability (liquid tightness)		EN 14150	m <sup>3</sup> /m <sup>2</sup> /j	1.10 <sup>-6</sup>	<
Gas permeability (gas tightness)		ASTM D 1434-82	m <sup>3</sup> /(m <sup>2</sup> .j.atm)	2.10 <sup>-4</sup>	<
Dangerous substances consult : <a href="http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm">http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm</a>		-	-	Aucune	

#### Durability

Oxidation	Tensile strength according to EN 12311-1 retained tensile strength according to EN 12226	Maximum tensile strength	EN 14575	%	100	75
		Elongation			100	75
Weathering		Maximum tensile strength	EN 12224	%	100	75
		Elongation			100	75

Le fabricant se réserve le droit de modifier, à tout moment, la présentation de ses produits

