

## PRODUCT DATA SHEET

### COLETANCHE XPC HFA

Technical ref. :  
FT AXTER

#### DESCRIPTION

COLETANCHE XPC HFA is an SBS elastomeric modified bituminous geomembrane

#### USE

Very low level of mechanical constraints, covered with top soil, no risk of puncture or tension:

- Gutters
- Curved Gutters.

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	175
Binder (gm/m <sup>2</sup> ) :	Elastomeric SBS	2100
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	140	139
	Width		m	5,10	5,01
Thickness (on finished product)		EN 1849-1	mm	2,2	2,0
Surface mass		EN 1849-1	kg/m <sup>2</sup>	2,50	2,20
Tensile properties : Maximum Tensile Strength	Longitudinal	EN 12311-1	N/50 mm	950	750
	Cross direction			800	630
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	2,7	2,4
	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	Maximum tensile strength	EN 14575	%	100	75
		Elongation			100	75
Weathering	retained tensile strength according to EN 12226	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

