

PRODUCT DATA SHEET

COLETANCHE XP2 HFA

DESCRIPTION

COLETANCHE XP2 HFA is an SBS elastomeric modified bituminous geomembrane

USE

Moderate level of mechanical resistance, for use an environmental protection and groundworks waterproofing, in particular :

- To cover landfill,
- Hydraulic ponds,
- Containment of Industrial liquid wastes,
- Canals,
- Contaminated land.

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 ²) :	Geotextile	200
Binder (gm/m ²) :	Elastomeric SBS	3800
Surface finish (gm/m ²) :	Sand	250
Under surface finish (gm/m ²) :	Peel-off siliconed film	40

CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	EN 1848-1	m	100	99
	Width		m	5,10	5,01
Thickness (on finished product)		EN 1849-1	mm	3,2	3,0
Surface mass		EN 1849-1	kg/m ²	4,30	3,90
Tensile properties : Maximum Tensile Strength	Longitudinal	EN 12311-1	N/50 mm	1100	880
	Cross direction			900	700
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	2,6
	Displacement		mm	50	40
Water permeability (liquid tightness)		EN 14150	m ³ /m ² /j	1.10 ⁻⁶	<
Gas permeability (gas tightness)		ASTM D 1434-82	m ³ /(m ² .j.atm)	2.10 ⁻⁴	<
Dangerous substances consult : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm		-	-	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

