

PRODUCT DATA SHEET

COLETANCHE XP4

DESCRIPTION

COLETANCHE XP4 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,

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	300
Binder (gm/m ²) :	Elastomeric SBS	5000
Surface finish (gm/m ²) :	Sand	250
Under surface finish (gm/m ²) :	Siliconed film	10

CHARACTERISTICS

		STANDARD	UNITS	VALUES	Min
Dimensions	Length	EN 1848-1	m	65	64
	Width		m	5,10	5,01
Thickness (on finished product)		EN 1849-1	mm	4,2	4,0
Surface mass		EN 1849-1	kg/m ²	5,50	5,10
Tensile properties : maximum tensile strength	Longitudinal	EN 12311-1	N/50 mm	1550	1200
	Cross direction			1250	1000
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	4	3,5
	Move		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		-	-	None	

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

The manufacturer reserves the right to modify, at any time, the characteristics of its products.

