

## PARAFOR SOLO S

### DESCRIPTION AND SCOPE OF APPLICATION

Very high performance reinforced SBS elastomeric bitumen membrane for waterproofing works.

This product is for use as :

Singleply roof waterproofing system under ballast for inaccessible terrace

Underlayer of two-layers system self protected or as one of layers of two-layers systems under heavy protection (concrete slab).

### COMPOSITION

Main surface	Perforated thermo-fusible film + sand
Longitudinal overlap surface	Not applicable (N/A)
Blend	Fillerized SBS (Styrene-Butadiene-Styrene) elastomeric bitumen
Reinforcement	Non woven polyester
Underface	Perforated thermo-fusible film + sand


### DIMENSIONAL CHARACTERISTICS

Nominal thickness on the longitudinal selvedge (mm)	(N/A)
Nominal thickness on the main surface (mm)	4.0
Longitudinal selvedge nominal width (mm)	(N/A)
Roll nominal length and width (m)	8 x 1

### PERFORMANCES

KIND OF TEST	Reference Norm	Units	Average values
Tensile strength at max	EN 12 311-1: 1999	N/50mm	800 x 600
Elongation at max	EN 12 311-1: 1999	%	40 x 45
Nail tearing resistance	EN 12 310-1	N	250 x 250
Cold temperature flexibility	EN 1109	°C	≤ - 20
Heat flow test	EN 1110	°C	≥ 100
Dimensional stability	EN 1107-1	%	≤ - 0.3
Static puncture resistance	EN 12730	kg	20
Dynamic puncture resistance	EN 12691	mm	10
FIT classification	Indicated on the relevant Technical Agreement (CSTB)		
Fire classification	M0 under heavy protection		

### ISO 9001 REFERENCE DOCUMENT

. Our company has been awarded the ISO 9001 certificate for all its establishments in France.	
The Technical Agreement PARAFOR SOLO is the ISO 9001 reference document.	

## PACKAGING

Rolls quantity per truck pallet	24
Rolls quantity per container pallet	27
Rolls quantity per wooden box	25
Nominal weight / m <sup>2</sup> (kg/m <sup>2</sup> )	5.1
Nominal weight / roll (kg)	41.2

## GENERALITIES ABOUT APPLICATION

Using	The generalities about the product using are set out in the ZSA STANDARD
Application	The generalities about the product application are set out in the ZTA STANDARD
Overlaps	Current building practices concerning overlaps are set out in the ZRA STANDARD
Slopes	Current building practices concerning slopes are set out in the ZPA STANDARD

## COMPLEMENTARY INFORMATIONS

Product identification	Golden strip on its under face (it is not for define the overlap)
Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Tolerances	The average values derived from standard tests and are subject to the usual production variations. The indicated average values comply with the UEAtc standard and project prEN 13707. The nominal value tolerances comply with the UEAtc standards. Some slight variations can be noticed as the values are based on the average values obtained from several plants.
Modification(s)	Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department.
Hazardous classification	It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR)
Complementary information	This product is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.
Storage	This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.