

## PARAFOR PONTS

### PRODUCT DESCRIPTION AND USES

High performance SBS elastomeric bitumen membrane for waterproofing works (bridge decks, car parks). The membrane directly receives the wearing course (bituminous mix).

### COMPOSITION

Upper face	Mineral granules
Reinforcement	Nonwoven polyester 180g/m <sup>2</sup>
Under face	punched hot melt film
Blend	fillerised SBS elastomeric bitumen

### DIMENSIONAL CHARACTERISTICS

	8 m 5 mm		8 m		15 m	
	Average value	Critical value	Average value	Critical value	Average value	Critical value
Length (m)	8.00	7.92	8.00	7.92	15.00	14.85
Thickness (mm)	5.3	5.1	4.0	3.8	4.0	3.8
Width (mm)	1000	990	1000	990	1000	990
Overlap width (mm)	90	80	90	80	90	80
Area density (kg/m <sup>2</sup> )	6.840	6.500	6.328	6.012	6.328	6.012
Mass of a roll (kg)	54.0	51.3	50.0	47.4	93.8	89.2


	50 m		100 m		125 m	
	Average value	Critical value	Average value	Critical value	Average value	Critical value
Length (m)	50	50	100	100	125	125
Thickness (mm)	4.0	3.8	4.0	3.8	4.0	3.8
Width (mm)	1000	990	1000	990	1000	990
Overlap width (mm)	90	80	90	80	90	80
Area density (kg/m <sup>2</sup> )	6.328	6.012	6.328	6.012	6.328	6.012
Mass of a roll (kg)	317	301	633	595	791	744

	150 m	
	Average value	Critical value
Length (m)	150	150
Thickness (mm)	4.0	3.8
Width (mm)	1000	990
Overlap width (mm)	90	80
Area density (kg/m <sup>2</sup> )	6.328	6.012
Mass of a roll (kg)	947	900

## PERFORMANCES

TEST	Standard	Unit	Average value	Critical value
Tensile strength at break	EN 12311-1	N/50 mm	950 x 650	820 x 560
	ASTMD 5147 -6	kN/m	18.16 x 12.64	
Elongation at break	EN 12311-1	%	40 x 49	35 x 42
	ASTMD 5147 -6	%	54 x 66	
Pull-off resistance	NF P 98 282	MPa	05	0.40
Resistance to static loading (soft substrate)	EN 12730-A	kg	20	20
Resistance to impact (soft substrate)	EN 12691-B	mm	1500	1500
Flexibility at low temperature	EN 1109	°C	-15	-10
	ASTMD 5147 -11	°C	-15	
Heat flow	EN 1110	°C	100	95
	ASTMD 5147-15	°C	100	
Dimensional stability	EN 1107-1	%	-0.5	-0.5
	ASTMD 5147-10	%	≤ 0.5	

## ISO 9001 REFERENCE DOCUMENT

<p>Our products are manufactured by certified ISO 9001 plants</p>	
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## PACKAGING

	8 m 5 mm	8 m	15 m	50 m
Rolls quantity per truck pallet	20	20	12	2
Rolls quantity per container pallet	20	23	12	
Rolls quantity per wooden box	20	20		

	100 m	125 m	150 m
Rolls quantity per truck pallet	1	1	1
Rolls quantity per container pallet			1
Rolls quantity per wooden box			1

## GENERALITIES ABOUT APPLICATION

Using	The generalities about the product using are set out in the ZSA STANDARD
Application	This product must be always apply fully bonded with torch
Overlaps	Joints must be torched on minimum 100mm. The end lap joints must be staggered a minimum 1 m
Slopes	The allowable slope is precised by the reference technical document

## COMPLEMENTARY INFORMATIONS

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 comply with UEAtc standard project (pe EN WI 002254041). The manufacturing tolerances comply with 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, and RTMDR)
Customs tariff num	680710100000A
Complementary information	This document 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.