

## PARADIENE SR3

### DESCRIPTION AND SCOPE OF APPLICATION

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

This product is for use as underlayer of a two-layer, self protected roof waterproofing system, or as underlayer or top layer of a two-layer roof waterproofing system under heavy protection (gravel ballast, slabs on adjustable supports, etc. ) ,or as vapour barrier on concrete or wooden deck.

It can be also used for miscellaneous works. In either case, this product must be used in accordance with the relevant technical specifications accepted by our company.

### COMPOSITION

Main surface	Thermo-fusible film
Longitudinal overlap surface	Thermo-fusible film
Blend	Filerized SBS (Styrene-Butadiene-Styrene) elastomeric bitumen
Reinforcement	Non woven polyester
Underface	Perforated thermo-fusible film or sanded

### DIMENSIONAL CHARACTERISTICS

	Nominal value	Critical value
Thickness on the longitudinal selvedge (mm)	(N/A)	(N/A)
Thickness on the main surface (mm)	2.6	2.5
Longitudinal selvedge width (mm)	(N/A)	(N/A)
Weight / m <sup>2</sup> (kg/m <sup>2</sup> )	3.33	3.16
Weight / roll (kg)	33.6	31.9
Roll length and width (m)	10 x 1	9.90 x 0.99


### PERFORMANCES

KIND OF TEST	Reference Norme	Units	Nominal Values	Critical Values
Tensile strength at break	EN 12311-1	N/50mm	650 x 350	550 x 315
Elongation at break	EN 12311-1	%	35 x 35	30 x 30
Cold temperature flexibility	EN 1109	°C	≤ - 20	≤ - 15
Heat flow test	EN 1110	°C	≥ 100	≥ 100
Dimensional stability	EN 1107-1	%	≤ - 0,5	
Static puncture resistance	EN 12730	kg	15	

### PACKAGING

Rolls quantity per truck pallet	28
Rolls quantity per container pallet	30
Rolls quantity per wooden box	28

### ISO 9001 REFERENCE DOCUMENT

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

## GENERALITIES ABOUT APPLICATION

Application	<p>Generally, the layer with the stronger reinforcement is used as underlayer to give a mechanical protection during all the work period.</p> <p>Application must be only by torching however it is acceptable to torch this product onto a cooled layer of bonding bitumen.</p> <p>This product used as underlayer or as vapour barrier must be applied by torching only according to the following methods of attachment regarding the support : fully bonding ; partial bonding by means of a perforated felt ; nailing on wooden deck with bonded laps ;</p>
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 INFORMATION

Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Tolerances	<p>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 EN 13707. The nominal value tolerances comply with the UEAtc standards.</p> <p>Some slight variations can be noticed as the values are based on the average values obtained from several plants.</p>
Application	The information about purpose and methods of application of the product does not prevail against local regulation and practices if accepted by our company. In case of doubt, do not hesitate to contact our Technical Department.
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.
Customs Tariff	680710100000A
Hazardous classification	It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR)
Complementary informations	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.