

PARADIENE S R3

PRODUCT DESCRIPTION AND USES

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

This product is for use as:

- Underlayer of a two-layer system self-protected or under
- Heavy protection.

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 vapor 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

Surface	Hot melt film
Blend	Filerized SBS (Styrene-Butadiene-Styrene) elastomeric bitumen
Reinforcement	Nonwoven polyester
Under face	Sanded


DIMENSIONAL CHARACTERISTICS

Nominal thickness (mm)	2.6
Nominal width (mm)	1000
Roll nominal length (m)	7.50
Area density (kg/m ²)	3.270
Mass per roll (kg)	24.6

PERFORMANCES

Test	Standard	Unit	Average value
Tensile strength at break	EN 12311-1	N/50mm	650 x 350
	ASTMD 5147-6	kN/m	12.6 x 7.1
Elongation at break	EN 12311-1	%	35 x 35
	ASTMD 5147-6	%	47 x 47
Cold temperature flexibility	EN 1109	°C	-20
	ASTMD 5147-11	°C	≤ - 20
Heat flow test	EN 1110	°C	100
	ASTMD 5147-15	°C	≥ 100
Dimensional stability	EN 1107-1	%	-0.5
	ASTMD 5147-10	%	≤ - 0,5
Static puncture resistance	EN 12730-A	kg	15

ISO 9001 REFERENCE DOCUMENT

Our products are manufactured by certified ISO 9001 plants	
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PACKAGING

Rolls quantity per truck pallet	40
Rolls quantity per container pallet	
Rolls quantity per wooden box	

GENERALITIES ABOUT APPLICATION

Using	The generalities about the product using are set out in the ZSA STANDARD
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 INFORMATIONS

Product identification	Red sign at about 300 mm of one side. White sign at 70 mm of the other side.
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. 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-to-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)
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.