

PARADIENE 35 S R4

PRODUCT DESCRIPTION AND USES

This product is a very high performance reinforced SBS elastomeric bitumen sheet for waterproofing works.

This product is for use as:

- Under layer of a two-layer, self-protected roof waterproofing system,
- Under layer or top layer of a two-layer roof waterproofing system under heavy protection (gravel ballast, slabs on adjustable supports...),
- 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.

COMPOSITION

Top surfacing	Hot melt film
Binder	SBS (Styrene-ButadieneStyrene) elastomeric bitumen
Reinforcement	Nonwoven polyester 180 g/m ²
Back surfacing	Silica Parting Agent

NOMINAL CHARACTERISTICS

PARADIENE 35 S R4	8 m	5 m
Thickness on the longitudinal selvedge (mm)	3.7	3.7
Thickness on the main surface (mm)	3.7	3.7
Width (mm)	1000	1000
Roll length (m)	8.00	5.00
Area density (kg/m ²)	4.630	4.630
Mass / roll (kg)	37.1	23.3

PHYSICAL AND MECHANICAL PROPERTIES

Properties	Test Method	Units	Nominal values
Tensile strength at max	EN 12 311-1 1999	N/ 50mm	700 x 550
	ASTMD 5147 section 6	kN/m	13.5 x 10.8
Elongation at max	EN 12 311-1 1999	%	40 x 45
	ASTMD 5147 section 6		54 x 60
Nail tearing resistance	EN 12 310-1	N	300 x 320
Cold temperature flexibility	EN 1109	°C	-20
	ASTMD 5147 section 11		
Heat flow test	EN 1110	°C	100
	ASTMD 5147 section 15		
Dimensional stability	EN 1107-1	%	≤ -0,5
	ASTMD 5147 section 10		
Static Puncture resistance (soft substrate)	EN 12730 A	kg	20
Static Puncture resistance (hard substrate)	EN 12730 B	kg	20
Impact resistance (hard substrate)	EN 12691 A	mm	1000
Impact resistance (soft substrate)	EN 12691 B	mm	1250
Waterproofing	EN 1928	-	pass

ISO 9001 REFERENCE DOCUMENT

Our company has been awarded the ISO 9001 certificate for all its establishments in France.
Our company reserves the right to modify its composition as a result of technological and experimental improvements.
To obtain the up-date technical data sheet, please contact Siplast



CONDITIONNEMENT

PARADIENE 35 S R4	8 m	5 m
Rolls quantity per truck pallet	28	44
Rolls quantity per container pallet	27	52
Rolls quantity per wooden box	25	48

GENERALITIES

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

OTHER 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 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. 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)
Divers	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 packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.