

PARADIAL S

PRODUCT DESCRIPTION AND USES

This product is a reinforced elastomeric bitumen sheet with a thermostable embossed metal foil facing with expansion compensation system.

This product is for use as cap sheet of a two-layer, self-protected roof waterproofing system for inaccessible roof, or as roofing membrane for upstand, gutters, penetrations and others roof details. 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	Embossed aluminium foil
Longitudinal overlap surface	Hot melt film
Blend	Fillerized SBS (Styrene - Butadiene - Styrene) elastomeric bitumen
Reinforcement	Glass fiber grid
Under face	Hot melt film

DIMENSIONAL CHARACTERISTICS

	8 m	6 m
Length (m)	8.00	6.00
Width (mm)	990	990
Longitudinal selvedge nominal width (mm)	70	70
Thickness (mm)	3.7	3.7
Area density (kg/m ²)	4.356	4.356
Mass of a roll (kg)	34.5	25.9

	8 m Colour	6 m Colour
Area density (kg/m ²)	4.367	4.367
Mass of a roll (kg)	34.6	26.0

PERFORMANCES

KIND OF TEST	Reference Norm	Units	Average values
Tensile strength at max	EN 12 311-1	N/50 mm	900 x 900
	ASTM D 5147 section 6	kN/m	14.6 x 13.1
Elongation at max	EN 12 311-1	%	3.5 x 3.5
	ASTM D 5147 section 6	%	4.6 x 4.6
Cold temperature flexibility	EN 1109	°C	-15
	ASTM D 5147 section 11	°C	≤ - 10
Heat flow test	EN 1110	°C	100
	ASTM D 5147 section 15	°C	≥ 95
Dimensional stability	EN 1108	mm/m	2

ISO 9001 REFERENCE DOCUMENT

Our products are manufactured by certified ISO 9001 plants	
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PACKAGING

	8 m	6 m
Rolls/truck pallet	24	35
Rolls/container pallet	30	39
Rolls/wooden box	28	36

	8 m Colour	6 m Colour
Rolls/truck pallet	20	35
Rolls/container pallet		35
Rolls/wooden box		35

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

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, 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.