

Paradiene SA

Product Ref: (DsB34-0917)
Issue No: 01



HEAT ACTIVATED SELF ADHESIVE BITUMINOUS MEMBRANE

DESCRIPTION

Paradiene SA is a high-performance heat activated self-adhesive roofing membrane made from SBS modified elastomeric bitumen with a polyester reinforced core.

USE

Paradiene SA is intended for use as a high-performance underlay membrane within a warm or cold flat roof application where torch applied membranes are not recommended.

Suitable Surfaces:

Insulation, concrete, timber, rooflights (metal and uPVC), asphalt & existing bitumen waterproofing membrane. All substrates must be primed with **Langley Spray-on Primer (synthetic rubber)**. See separate product data sheet for coverage rates.

COMPOSITION

Top surface:	Resin coating. Colour: Red
Longitudinal overlap surface:	Peel-off polyethylene release film and self-adhered bitumen.
Blend:	Fillerized SBS (Styrene-Butadiene-Styrene) modified elastomeric bitumen.
Reinforcement:	Heavy duty glass fibre fleece
Underside:	Heat activated self-adhesive bitumen protected by a siliconised peel-off release film.

DIMENSIONAL CHARACTERISTICS

Nominal thickness on the longitudinal selvedge (mm):	2.4
Nominal thickness on the main surface (mm):	2.5
Longitudinal selvedge nominal width (mm):	100
Roll nominal length and width (m):	10 x 1

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PERFORMANCES

Kind of Test	Reference Norm	Units	Average Values
Tensile strength at max	EN 12 311-1: 1999	N/50mm	450 x 350
Elongation at max	EN 12 311-1: 1999	%	20
Nail tearing resistance	EN 12 310-1	N	100
Cold temperature flexibility	EN 1109	°C	≤ - 20
Heat flow test	EN 1110	°C	≥ +80
Static puncture resistance	EN 12730 A	kg	10

PACKAGING

Rolls quantity per truck pallet	: 25
Nominal weight / m ²	: 3 kg/m ²
Nominal weight / roll	: 30 kg

PRODUCT IDENTIFICATION

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 13970. 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.

Complementary information:

This document is only a product data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.

STORAGE

Paradiene SA is packaged in rolls set up vertically on a pallet. It must be stored vertically under shelter, away from heat sources. Should be stored on end, under cover, on a firm dry base and away from sources of heat.

SAFETY

This product is not classed as hazardous.

This document is only a guide.

Langley Waterproofing Systems Ltd reserves the right to change the composition and fixing recommendations of products as a result of the evolution of knowledge and technology.