

Paradiene 35 S R4

Product Ref: (DsB5-0209)
Issue No: 02-1112



REINFORCED SBS ELASTOMERIC BITUMEN MEMBRANE FOR USE IN BUILT-UP ROOF WATERPROOFING SYSTEMS

DESCRIPTION

Paradiene 35 S R4 is a reinforced SBS-modified bitumen membrane for use in torch-applied built-up roof waterproofing systems. It has a sanded top surface and a macro perforated thermo-fusible film on the underside. It is identified by a green line approximately 300 mm from one edge.

USE

Paradiene 35 S R4 is for use as the first layer or intermediate layer in built-up roof waterproofing systems on all roof decks and all roof slopes.

COMPOSITION

Surface:	Sanded
Reinforcement:	180 g/m2 non woven polyester
Bitumen:	SBS-modified elastomeric bitumen
Underside:	Fusible film

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PHYSICAL CHARACTERISTICS (AVERAGE VALUES)

Tensile strength at break (EN 12 311-1: 1999):	750 x 550 N/50 mm
Elongation at break (EN 12 311-1: 1999):	45 x 45%
Nail tear resistance (EN 12 310-1):	200 x 200 N
Cold pliability (EN 1109):	< -20 °C
Heat flow (EN 1110):	>100 °C
Dimensional stability (EN 1107-1):	< - 0.5%
Static puncture resistance (EN 12730):	15 kg
Dynamic puncture resistance (EN 12691):	20 mm

Where two values are given, the first is for the longitudinal direction and the second is for the transverse direction.

NOMINAL DIMENSIONS AND WEIGHTS

Thickness:	3.7 mm
Rolls:	8m x 1m
Weight:	4.6 kg/m ²
	37.4 kg/roll

APPLICATION

Application is in accordance with BS 8217: 2005 and BS 8000: Part 4: 1989, using the torch-on method.

The method of attachment depends on the substrate. Paravent is available for use under **Paradiene 35 S R4** where a controlled partial bond is required. On timber boarding, a layer of Paradiene R4 should first be fixed by nailing. **Paradiene 35 S R4** is then fully bonded by torching.

Contact Langley Waterproofing Systems Ltd for detailed specifications and fixing instructions.

STORAGE

Paradiene 35 S R4 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.