

Paradiene 35 SR4 (HM)

Product Ref: (DsHM4-0216)
Issue No: 01

COMPONENT PRODUCT TO PARATECH HOT-MELT ROOFING SYSTEMS

DESCRIPTION

Paradiene 35 SR4 (HM) is a fully bonded high performance reinforced SBS elastomeric bitumen membrane cap sheet used in combination with Paratech Hot-Melt modified bitumen.

USE

Paradiene 35 SR4 (HM) is for use on podium decks and inverted roofs under heavy protection on flat or 'zero' pitched concrete substrates. It can be used as both an upstand detail membrane (for non green-roof applications) and, cut into 250 mm widths (125 x 125 mm), as a reinforcement at the base of upstands.

COMPOSITION

Top surfacing:	Polyethylene film
Bitumen compound:	SBS elastomeric bitumen
Reinforcement:	Polyester 180 gr/m ²
Underside:	Sanded



NOMINAL DIMENSIONS AND WEIGHT

Value	Nominal
Thickness on longitudinal selvedge (mm):	3.7mm
Thickness main surfaces (mm):	3.7mm
Roll length and width (m):	8 x 1m
Nominal weight / m ² (kg/m ²):	4.6kg
Nominal weight / roll (kg):	37.1kg

According with EN 13707

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PHYSICAL AND MECHANICAL PROPERTIES

Property (as manufactured)	Test method	Nominal value
Tensile strength at max:	EN 12 311-1	700 x 550 N/50mm
Elongation at max:	EN 12 311-1	40 x 45%
Nail tearing resistance:	EN 12 310-1	300 x 320 N
Cold temperature flexibility:	EN 1109	≤ -20° C
Heat flow test:	EN 1110	≥ 100° C
Dimensional stability:	EN 1107-1	≤ -0.5%
Static Puncture resistance (soft substrate):	EN 12730 A	20kg
Static Puncture resistance (hard substrate):	EN 12730 B	20kg
Impact resistance (hard substrate):	EN 12691-A	1000mm
Impact resistance (soft substrate):	EN 12691 B	1250mm
Waterproofing:	EN 1928	Pass

Values: Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.

APPLICATION

Paradiene 35 SR4 (HM) is applied over Paratech Hot-Melt bitumen. It is unrolled and positioned on the Paratech R reinforcement and then re-rolled. It is finally rolled into, and bonded by, the Paratech Hot-Melt bitumen. Side laps minimum 80mm and head laps minimum 100mm fully torched.

SAFETY

This product is not classified as hazardous.

STORAGE

Paradiene 35 SR4 (HM) should be stored on end, in an upright position, under cover, on a firm base and away from heat sources.

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.