

Paratech HM

Product Ref: (DsHM1-0216)
Issue No: 01

DESCRIPTION

Paratech HM is a 100 percent solid, hot applied elastomeric bitumen membrane which forms the basis of the Paratech Hot-Melt system.

USE

Paratech HM is a component part of the Paratech Hot-Melt System, developed for inverted roofs, green roofs, podium roofing and heavy duty applications on flat or 'zero' pitched concrete substrates. It is used in combination with Paratech R reinforcement.

PHYSICAL & MECHANICAL PROPERTIES

Characteristics	Method	Units	Nominal values
Flash Point	CAN / CGSB-370.50-M89	°C	≥ 260
	ASTM D92 C	°C	≥25 above application temperature
Cone penetration at 25°C	CAN / CGSB-370.50-M89	0,1mm	≤ 110
Cone penetration at 50°C	ASTM D1191-64	0,1mm	≤ 200
Flow test 75°, 60°C, 5h	CAN / CGSB-370.50-M89	mm	≤ 3
	ASTM D1191-64		
Viscosity at 180°C	Brookfield DVII, S27	Mpas	≤ 1000
Ring & Ball	EN 1427	°C	≥ 90
Density at 25°C	EN 13880-1	kg/m ³	900 -1100
Penetration at 25°C	EN 1426	0,1mm	40 - 100
Bending test at -10°C	-	Pass / fail	Pass



APPLICATION

Paratech HM must be heated in a temperature controlled 'agitated' boiler at a temperature of approximately 180 °C. Maximum temperature must not exceed 200 °C.

Paratech HM to be applied at a rate of 3 kg/m². Refer to Paratech HM Instruction Manual for installation guidance.

SAFETY

This product is not classified as hazardous.

PACKAGING

Paratech HM is supplied in cardboard cartons. The inside is silicon coated for ease of removal.

10 kg/carton. 60 cartons per pallet (80 x 120 cm).

23 kg/carton. 32 cartons per pallet (80 x 120 cm).

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.