



Bitumen MC250

(Cutback Bitumen Medium-Curing)

PRODUCT DATA SHEET

Bitumen MC250 is a type of medium-curing (MC) cutback bitumen where the "250" refers to its viscosity level. In this cutback bitumen, bitumen is diluted with a medium-volatile solvent such as kerosene to lower its viscosity, making it easier to apply at lower temperatures. Once the bitumen is applied, the solvent evaporates, leaving behind the bitumen to perform as a binder.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Kinematic Viscosity at 60°C	mm ² /s	250-500	ASTM D-2170
Flash Point (Tag Open-Cup), Min	°C	Min. 66	ASTM D-1310
DISTILLATION TEST: (Distillate, Volume Percent of Total Distillate to 360°C)			
To 255°C	% Vol.	Max. 20	ASTM D-402
To 260°C	% Vol.	5-55	ASTM D-402
To 316°C	% Vol.	60-90	ASTM D-402
Residue from distillation to 360°C, by difference	% Vol.	Min. 67	ASTM D-402
TEST ON RESIDUE FROM DISTILLATION:			
Viscosity at 60°C	Pa.s	30-120	ASTM D2171
Ductility at 25°C	CM	Min. 100	ASTM D-113
Solubility in Trichloroethylene	% Wt	Min. 99	ASTM D-2042
Water	% Wt	Max. 0.2	ASTM D-95

Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping.

Application:

Cutback Bitumen MC250 is a versatile product that can be used in a variety of applications like Priming, Tack Coating, Crack Filling, Patching and Sealing.

Recommended Application Temperature: Spraying: 50°C - 70°C

Recommended Application Rate: Priming & Tack-Coating: Between 0.15 L/m² and 0.30 L/m².

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

Packaging:

New steel drums, reconditioned steel drums or IBC Tanks

Steel Drums : 200Ltrs

IBC Tank : 1000Ltrs

Storage life is excellent when stored in an airtight container.

Code Approvals/Compliance:

Meets: ASTM D2027, AASHTO M82-75 2008, IS: 217 – 1988

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