



Bitumen MC70

(Cutback Bitumen Medium-Curing)

PRODUCT DATA SHEET

Cutback Bitumen MC70 is a medium-curing (MC) grade of cutback bitumen, where the "70" refers to its viscosity. In cutback bitumen, bitumen is blended with a solvent (such as kerosene) to reduce its viscosity, making it easier to handle and apply at lower temperatures. Over time, the solvent evaporates, leaving behind the solid bitumen to bind materials.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Kinematic Viscosity at 60°C	mm ² /s	70-140	ASTM D-2170
Flash Point (Tag Open-Cup), Min	°C	Min. 38	ASTM D-1310
DISTILLATION TEST: (Distillate, Volume Percent of Total Distillate to 360°C)			
To 255°C	% Vol.	Max. 25	ASTM D-402
To 260°C	% Vol.	10-70	ASTM D-402
To 316°C	% Vol.	65-93	ASTM D-402
Residue from distillation to 360°C, by difference	% Vol.	Min. 55	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 MC 70 is commonly used as a Prime Coating and Maintenance Mixing. Cutback bitumen which is suitable for priming is also used for Tack-coating.

Recommended Application Temperature: Spraying: 60°C - 80°C

Recommended Application Rate: Priming: Between 0.5 L/m² and 1.4 L/m². **Tack-coating:** Between 0.2 L/m² and 0.4 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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