



Bitumen RC70

(Cutback Bitumen Rapid-Curing)

PRODUCT DATA SHEET

Cutback Bitumen Rapid Curing 70 (RC-70) is a type of cutback bitumen that is blended with a fast-evaporating petroleum solvent to lower its viscosity, making it easier to apply at lower temperatures. The "70" indicates its viscosity grade, suggesting it has a relatively low viscosity compared to other grades of cutback bitumen.

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	-	ASTM D-1310
DISTILLATION TEST: (Distillate, Volume Percent of Total Distillate to 360°C)			
To 190°C	% Vol.	Min. 10	ASTM D-402
To 255°C	% Vol.	Min. 50	ASTM D-402
To 260°C	% Vol.	Min. 70	ASTM D-402
To 316°C	% Vol.	Min. 85	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	60-240	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 RC-70's rapid curing properties and ease of application make it ideal for projects requiring quick turnaround times and effective bonding, especially in varying weather conditions.

For **Tack Coat** apply at a rate of 0.2 - 0.4 liters per square meter (L/m²)

For **Prime Coat** apply at a rate of 0.5 - 1.0 liters per square meter (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 & Storage:

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. It is recommended to recirculate the product at least every 14 days during storage in large bulk tanks.

Code Approvals/Compliance:

Meets: ASTM D2028 or AASHTO M81-92 2008, IS: 217 – 1988

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