



## TECHNICAL DATA SHEET CUTBACK MC 250

### DESCRIPTION:

Cutback Medium curing 250 is a standard of ASTM D 2027-13, typically used a Prime cote suitable for road construction and to produce cutback with superior properties in road and waterproofing in retain walls and generally in light – to – moderate environment. This grade of cutback produced by the fully automated process runs continuously resulting in a constant and homogenous finished products quality.

### PACKAGING:

Cutback Bituminous material is commonly packed 195 kg New steel Drums on pallet to prevent any leak of container also Bulk in bitumen Tanker.

### CHARACTERISTICS AND SPECIFICATIONS:

Cut back is bitumen dissolved in a petroleum solvent such as gasoline or kerosene. The type of solvent controls the curing time whereas the amount controls the viscosity of the final product. Solvent is added to bitumen to decrease the viscosity of bitumen and allow the material to penetrate surfaces more effectively. This solvent will slowly evaporate and leave a final product that is similar in hardness to the original bitumen. The cutback asphalt MC-250 applying to waterproofing of surfaces plug capillary voids, coat, and bond loose mineral particles Also, Cutback MC-250 use in Roofing – As a waterproofing membrane and as an adhesive to stick chippings onto a flat, horizontal roof to minimize the effects of weathering from the sun. Damp-Proof Courses – Used as damp-proof membranes in concrete floors particularly for small repairs or where extensions are keyed-in to existing structures. Watanिया Cutback is produced in compliance and conformity to International Standards such as AASHTO M 82 & ASTM D 2027-13, also meets the following specification requirements.

SPECIFICATIONS	UNIT	STANDARD	MIN	MAX
Kinematic viscosity at 60°C	cSt	ASTM D-2170	70	140
Flashpoint (tag open cup)	OC	ASTM D-3143	38	--
<b>DISTILLATION TEST</b>				
<b>DISTILLATE, VOLUME BY PERCENTAGE OF TOTAL DISTILLATE TO 680°F (360°C)</b>				
To 437°F (225°C)	%	ASTM D - 402	--	20
To 500°F (260°C)	--		10	70
To 600°F (316°C)	--		65	93
Residue from distillation to 680°F, (360°C) Percent volume by	%		55	--
<b>TEST ON RESIDUE FROM DISTILLATION TEST</b>				
Viscosity at 140°F(60°C)	Pa.S	ASTM D-2170	30	120
Penetration 77°F (25°C) 100g,5s	dmm	ASTM-D5	120	300
Ductility 77°F (25°C)	cm	ASTM-D113	100	--
Solubility in trichloroethylene	%	ASTM-2042	99	--
Water, percent volume	%	ASTM-D95	--	0.2

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