

TECHNICAL DATA SHEET CUTBACK MC 800

DESCRIPTION:

Cutback Medium Curing 800 is a standard of ASTM D2027-13, typically used as a prime cote suitable for road construction and to produce cutback with superior properties in road and waterproofing in retaining walls and generally in light – to – moderate environments. 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 a pallet to prevent any leak of the container also Bulk in bitumen Tanker.

CHARACTERISTICS AND SPECIFICATIONS:

The cutback 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. The 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-800 applied to waterproofing of surfaces plug capillary voids, coat, and bond loose mineral particles. Wataniya Bitumen guarantees that the Cutback MC800 is produced in compliance and conformity to International Standards such as AASHTO M 82 & ASTM D2027-13. Also, it meets the following specification requirements:

SPECIFICATIONS	UNIT	STANDARD	MIN	MAX
Kinematic Viscosity at 60 °C [140 °F]	mm ² /s	ASTM D2170	800	1600
Flashpoint (Tag Open Cup)	°C	ASTM D3143	66	--
DISTILLATE TEST				
DISTILLATE, VOLUME PERCENTAGE OF TOTAL DISTILLATE TO 360 °C [680 °F]				
To 260 °C [500 °F]	--	ASTM D402	--	40
To 316 °C [600 °F]	--		45	85
Residue from Distillation to 360 °C [680 °F] Percent Volume by Difference	%		75	--
TESTS ON RESIDUE FROM DISTILLATION				
Viscosity at 60 °C [140 °F]	Pa.s	ASTM D2171	30	120
Penetration 25°C [77°F] 100g,5s	dmm	ASTM D5	120	250
Ductility at 25 °C [77 °F]	cm	ASTM D113	100	--
Solubility in Trichloroethylene	%	ASTM D2042	99	--
WATER CONTENT TEST				
Water, Percent Volume	%	ASTM D95	--	0.2

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