

TECHNICAL DATA SHEET

CUTBACK MC 250-500

DESCRIPTION:

Cutback Medium Curing 250-500 is a standard of ASTM D 2027-13, 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 the 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. 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 250-500 is applied to waterproofing of surfaces plug capillary voids, coat, and bond loose mineral particles. Also, it is used in Roofing as a waterproofing membrane and as an adhesive to stick chippings on to a flat, horizontal roof to minimize the effects of weathering from the sun. Damp-Proof Courses used as a damp-proof membrane in concrete floors particularly for small repairs or where extensions are keyed-in to existing structures. Wataniya Bitumen guarantees that the Cutback MC 250-500 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]	mm²/s	ASTM D2170	250	500
Flashpoint (Tag Open Cup)	°C	ASTM D3143	66	--
DISTILLATE TEST				
DISTILLATE, VOLUME PERCENTAGE OF TOTAL DISTILLATE TO 360 °C [680 °F]				
To 225 °C [437 °F]	%	ASTM D402	--	20
To 260 °C [500 °F]	--		5	55
To 316 °C [600 °F]	--		60	90
Residue from Distillation to 360°C [680 °F] Percent Volume by Difference	%		67	--
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	300
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

Address:

Plant : Al Muthanna, Samawa, Iraq
 Head Office : Wataniya Group Building, Salim Street, Sulaymaniyah - Iraq
 Baghdad Office : Zaitun Street, Harthiya Quarter, Baghdad - Iraq
 Dubai Office : DMCC Business Center, Level No. 01, Unit No. 2631, Dubai - U.A.E.

Tel: +964 781 496 0222

Email: info@wataniyagroup.com

Website: www.wataniyagroup.com