



AIWIN CUTBACK ASPHALT MC 3000



Medium Curing Cutback Bitumen Specification ASTM D 2027

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CUTBACK BITUMEN MC 3000 is dissolved of bitumen in solvents of kerosene. In many countries kerosene and other volatile petroleum derived products are added as a cutter or cutback agent to bitumen to reduce the viscosity of the bitumen.

The mixture obtained may be called cutback bitumen.

The reduction in viscosity of the bitumen aids the construction of seal coats in road pavements as the softened mixture wets the chips more easily. The cutback agent evaporates from the seal coat, the cutback agent becoming a negligible component of the seal coat a few months after application. If significant amounts of the cutback agent remain in the seal coat an unwanted long term softening effect may result.

Uses of cutback asphalt MC 3000

Cutback agents are used to lower the viscosity of bitumen when it is applied as a primer to the surface of a road pavement aggregate base course or substrate. Kerosene is used as a bitumen cutback agent at different concentrations according to local conditions and requirements.

The cutback bitumen is ideal for prime coat and cold applied because of easy uses and no need to thinning and heating. Cutback bitumen MC 3000 consist of initial incorporation of asphalt into the surface of non-asphalt based course preparatory to any superimposed treatment of construction.

THE CUTBACK ASPHALT MC 3000 applying to waterproofing of surfaces, plug capillary voids, coat and bond loose mineral particles.

Packing and transportation

AIWIN CUTBACK SUPPLIED in 10-25 ton tanker. It can be supplied in 200 Kg. Used steel drums.



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TECHNICAL SPECIFICATION

PROPERTIES	MIN	MAX	TEST METHOD
Kinematic viscosity at 60 °C, mm ² s	3000	6000	ASTM D-2170
Flash point (tag open cup), °C	66	----	ASTM D-92
Distillate, volume percent of total distillate to 360 °C			
To 225 °C	----	----	ASTM D402
To 260 °C	----	15	
To 316 °C	15	75	
Residue from distillation to 360°C, percent volume by difference	80	----	
Test on residue from distillation			
Viscosity at 60°C, Pa.s	300	1200	
Ductility at 25°C, cm	100	----	ASTM D-113
Solubility in trichloroethylene, %	99.0	----	ASTM D-2024
Water, %	----	0.2	ASTM D-95

This technical data complement to ASTM, B.S, and UEAtc.

This product data sheet supersedes all previous data publication pertaining to this product.

All values given refer to standard production within the usual factory tolerance.

(Variation of ±5% in thickness, ±10% in weight, and 20% in tensile and 15% in elongation is acceptable according to standard).

Aiwin reserve the right to change said values without advance notice but without affecting the quality of the product.



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