

CUTBACK BITUMEN

MEDIUM CURING: MC3000

PROPERTY / UNIT	UNIT	SPECIFICATION	TEST METHOD
Kinematic viscosity at 60°C	mm	3000/6000	ASTM D2170 AASHTO T201
Flash Point (Tag Open-Cup)	°C	36	ASTM D1310 AASHTO T79
DISTILLATION TEST			
Residue from distillation to 360°C (%Vol)	%	80	ASTM D402 AASHTO T55
TEST ON RESIDUE FROM DISTILLATION			
Viscosity at 60°C	kg/m ²	300-1200	ASTM D2170 AASHTO T201
Penetration at 25°C	100g/5s	120 / 150	ASTM D5 AASHTO T49
Ductility 3 at 25°C	cm	>100	ASTM D113 AASHTO T51
Solubility in Trichloroethylene	%	99	ASTM D2042 AASHTO T44
Water (per volume)	%	0.20%	ASTM D95 AASHTO T55

Cutback Grade Bitumen is normally used in spraying and in some mixing applications. Cutback bitumen is penetration grade bitumen blended with a solvent such as kerosene, white spirit, gasoline and naphtha controlling the curing time. Cutbacks are divided into 2 types, Rapid Curing (RC) and Medium Curing (MC) depending on the solvent used. It is commonly used for road and pavement construction and maintenance. Cutback MC3000 is blended with a solvent such as Kerosene, a medium curing petroleum cutter.

Quality: All Bitumen supplied is of the highest quality and fully compliant with ASTM and AASHTO Standards and Test Methods. Geochem inspection and certification of the Bitumen products is carried out before any shipment. Our bitumen is also quality tested and assured at refining and blending stages.

Packaging: New steel drums or reconditioned steel drums. Weatherproof packaging for flexibility of storage.

Storage: Store in original containers, sealed in a cool dry place.

Recommended Application Rate:

Priming - Between 0.5 L/m² and 1.4 L/m².

Penetration Asphalt Cement - Between 0.6 L/m² and 1.8 L/m².

Recommended Spraying Temperature: 130°C - 135°C

Uses: Cutback MC 3000 containing 80% Bitumen, is commonly used for surface dressing and semi grouting (Penetration Macadam). The process of priming involves applying a low viscosity binder to a prepared but usually unbound aggregate base. It is intended to be absorbed by the top layers of the base and provide a surface which is more easily wetted by a following bituminous covering. This is applied to an underlying surface to aid with the adhesion of the following asphalt layer. Cutback Bitumen is suitable for primer sealing and can also be used in the manufacture of pre-mixed asphalt, used in patch repairs. Cutback Bitumen is used extensively in sprayed sealing applications, particularly in cooler weather where they provide improved initial stone retention due to the lower viscosity. Usually a single application of cutback bitumen is sprayed on the primed pavement onto which aggregate is laid.

Flammable: Contains petroleum distillate. Avoid heat, flames and sources of ignition.