

CUTBACK BITUMEN

MEDIUM CURING: MC30

PROPERTY / UNIT	UNIT	SPECIFICATION	TEST METHOD
Kinematic viscosity at 60°C	mm	30 / 60	ASTM D2170 AASHTO T201
Flash Point (Tag Open-Cup)	°C	38	ASTM D1310 AASHTO T79
DISTILLATION TEST			
Residue from distillation to 360°C Percent Vol.	%	50	ASTM D402 AASHTO T55
TEST ON RESIDUE FROM DISTILLATION			
Viscosity at 60°C	kg/s/m	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
<p>Uses: 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. Commonly used for road and pavement construction and maintenance. Cutback MC30 is blended with a solvent such as Kerosene, a medium curing petroleum cutter. MC30 containing 50% Bitumen is also commonly used as a Prime Coating. 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 which provides a surface that is more easily moistened by the following layer of bituminous covering. Cutback bitumen which is suitable for priming is also used for Tack-coating. This is applied to an underlying surface to aid with the adhesion of the following asphalt layer.</p> <p>Flammability: Contains petroleum distillate. Avoid heat, flames and sources of ignition.</p> <p>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.</p> <p>Packaging: New steel drums or reconditioned steel drums. Weatherproof packaging for flexibility of storage.</p> <p>Storage: Store in original containers, sealed in a cool dry place.</p> <p>Recommended Application Rate: <i>Priming</i> - Between 0.5 L/m² and 1.4 L/m². <i>Tack-coating</i> - Between 0.1 L/m² and 0.4 L/m².</p> <p>Recommended Spraying Temperature: 60°C - 80°C</p>			