

**Technical Data Sheet**

**Bitumen MC-30**

MC-30 is a type of medium curing cutback bitumen which is suitable for cold regions. It applies in road maintaining operations including tack coats and slurry seals.

This type of liquid bitumen is constituted of a penetration grade bitumen and a petroleum based solvent.

**Applications:**

MC-30 bitumen is widely used as a primer in coating roads. This grade of bitumen is sprayed over a granular base to prepare it for laying an asphalt mixture. With its low viscosity, MC- 30 cutbacks will coat and bond loose aggregates on the surface of the base.

MC-30 will also waterproof the finished base material and enable it to bond to a subsequent pavement layer.

With its low viscosity, bitumen MC-30 is recommended for being used when the base is dense and hard to penetrate. When the surface is open, we use high viscosity MC grades for prime coating.

In comparison to MC-250, cutback MC-30 needs no heating in hot seasons.

The main usage of mc-30 is in prime coating, cold mix asphalts and bitumen paints.

Properties	Specification Limit		Test Method
	Min	Max	
Kinematic viscosity at 60°C, Cst	30	60	ASTM D2170
Flash Point(tag open cup), °C	38	---	ASTM D3134
<b>DISTILLATION TEST DISTILLATE,VOLUME PERCENT OF TOTAL DISTILLATE TO 680°F (360°C)</b>			
To 437°F(225°C)	--	25	ASTM D402
To 500°F(260°C)	30	75	
To 600°F(316°C)	75	95	
Residue from distillation to 680°F(360°C), percent volume by difference	50	--	
<b>TEST ON RESIDUE FROM DISTILLATION TEST</b>			
Viscosity at 140°F (60°C)	130	120	ASTM D2170
Penetration 77°F(25°C) 100g,5s mm	120	300	ASTM D5
Ductility 77°F(25°C) 5cm/min cm	100	--	ASTM D113
Solubility in trichloroethylene %	99	--	ASTM D2042
Water, percent volume	--	0.2	ASTM D95