

## CUTBACK ASPHALT MC-30 (ASPPC 101)

### DESCRIPTION

**ASPPC 101** is medium curing cutback asphalt, suitable for use in the construction and maintenance of pavements. Complies with ASTM D2027.

### FEATURES:-

- Ideal for prime coat.
- Cold applied, easy to use, no need for thinning or heating.

### RECOMMENDED USES:-

It's typically used as a prime coat and in construction as well as the maintenance of pavements as designated in ASTM D 2399.

### INSTRUCTIONS FOR APPLICATION:-

- Priming consists of initial incorporation of asphalt into the surface of a non-asphalt base course preparatory to any superimposed treatment of construction. The object of priming is to waterproof the surface, plug capillary voids; coat and bond loose mineral particles, harden or toughen the surface, and promote adhesion between it and the superimposed treatment or construction.
- Spray **ASPPC 101** at a specified rate using a distributor truck.
- The distributor truck must be equipped with a pressure pump meeting the requirements of pumping flammable materials and with a device to accurately measure the rate of application of the liquid asphalt.

### SPECIFICATIONS:-

Physical Properties	Test Method	Results
Kinematic viscosity at 60°C, cSt	ASTM D 2170	30-60
Flash point, COC, °C	ASTM D 92	38 min
Water, %	ASTM D 95	0.2 max
<b>Distillate test:</b>		
Distillate to 225°C	ASTM D402	25 max
Distillate to 260°C		40-70
Distillate to 316°C		75-93
Residue from distillation to 360°C, % (Volume by difference):		50 min
<b>Tests on residue from distillation:</b>		
Viscosity @ 60°C, P <sup>A</sup>	ASTM D4402	300-1200
Ductility, 25°C, 5cm/min, cm, min	ASTM D113	100
Solubility in trichloroethylene, %wt, min	ASTM D2042	99.0

<sup>A</sup> Instead of viscosity of the residue, the specifying agency, at its option, can specify Penetration 100g: 5 s at 25°C of 120 to 250. However, in no case will both be required.

**COVERAGE:**

- 1-1.5 kg/m<sup>2</sup> for prime coat.

**HEALTH & SAFETY:**

- **ASPPC 101** is flammable.
- Workers should wear protective tools; such as gloves and goggles, during application.

**PRECAUTIONS:**

- **ASPPC 101** contains volatile solvent and has a low flash point. Care must be taken to ensure that there is adequate ventilation in the working place.
- Working temperature of **ASPPC 101** is the room temperatures (25°C), in all cases the working temperature not exceeding 50°C.
- Fires and naked flames should be kept at a distance.

**STORAGE:**

- Store **ASPPC 101** in a dry and shaded area in original packing.
- The container should be kept covered while working in order to prevent the evaporation of solvent.

**PACKING**

- **ASPPC 101** is supplied in bulk and/or drums.