

# BITUMEN MC-250

## Medium Curing Cutback Grade

### General Description

MC-250 bitumen is a type of dissolved bitumen. To produce this type of bitumen, solvents such as Kerosene are used in order to change bitumen into dissolved bitumen or liquid pitch, so that, during consumption process, the solvent evaporates and the bitumen with desirable adhesion properties residue is obtained.

### Typical Applications

- Road construction and maintenance industries as adhesive material between road foundation and asphalt coating
- Roofing, as a waterproofing membrane and adhesive to stick chippings onto a flat, horizontal roof to minimize the effects of weathering from the sun

## Application Temperature

APPLICATION	RECOMMENDED TEMPERATURE	UNIT
Storage temperature	90	°C
Spraying temperature	75	°C

## Product Specification

ANALYSIS	VALUE*	UNIT	TEST METHOD
Kinematic viscosity at 60 °C	250-500	mm <sup>2</sup> /s	ASTM D 2170
Flash Point (Cleveland open cup)	66 (Min)	°C	ASTM D 3143
Distillate, volume of total distillate to 360 °C			
To 225 °C	10 (Max)	vol%	ASTM D 402
To 260 °C	15-55	vol%	ASTM D 402
To 316 °C	60-87	vol%	ASTM D 402
Residue from distillation to 360°C	67 (Min)	vol%	ASTM D 402
Solubility in trichloroethylene	99.0 (Min)	wt%	ASTM D 2042
Water content	0.2 (Max)	vol%	ASTM D 95
Test on residue from distillation:			
Ductility, 25 °C	100 (Min)	cm	ASTM D 113
Penetration, 25 °C	120-250		ASTM D 5

\* Typical values; not to be considered as product specification