STANDARD SPECIFICATION OF BITUMEN GRADE C170

Description: Paving Grade is manufactured to a tighter specification than prescribed in AS 2008 and is suitable for standard sealing, lightly, medium and heavy trafficked asphalt application. Viscosity graded bitumen C170 is high quality asphalt derived from crude petroleum refining.

Uses: Bitumen class C170 is mainly used in sprayed sealing and light asphalt applications to provide durability and fatigued resistance. This grade is used as binders of mineral aggregates in asphalt concrete and hot laid plant mix for highways, airports, parking areas, driveways and curbs. It is used to manufactured cutback, emulsion and modified bitumen.

Safe handling and storage:

- Use personal protective equipment (PPE's) when handling (i.e. gloves, eye protectors).
- Maintain safe heating temperatures when using this product.
- Avoid contact with skin, eyes and clothing.
- Avoid breathing vapor, spray or mists when applying.

Storage: Keep drums in a cool, well-ventilated place.

Packaging: Viscosity graded Bitumen C170 is available in 0.6mm thickness, 180/kg. net weight Steel Drums, 95cm height and 45cm diameter (+/– 3/kg. operational tolerance) as well as 1/MT Jumbo Bag.

NO:	PROPERTY	MIN	MAX	RESULT UNITS	TEST METHOD
1	Viscosity @ 60 ºC (140 ºF), 300mm Hg	140	200	198 Pa.S	ASTM D2171
2	Viscosity @ 135 ºC (275 ºF), 300mm Hg	0.25	0.45	0.42 Pa.S	ASTM D2171
3	Penetration @ 25 ºC	62	__	65 0.1mm	ASTM D5
4	Flash point	250	__	304 ºC	ASTM D92
5	Solubility in Trichloroethylene	99.0	__	99.94% (mm)	ASTM D2042
6	Rolling thin film oven test	__	__		ASTM D2872
7	Viscosity of residue @ 60 ºC as % of original	__	300	249%	ASTM D2171

This is to certify that paving Bitumen C170is not classified as any kind of hazardous material and is considered as non–hazardous.

SPECIFICATION