

Description

Sealed Bitumen 60/70 is bitumen penetration grade 60-70, which is petroleum bitumen produced by refining crude petroleum and meets the requirements of the ASTM Standard D 946 for penetration grade of bitumen.

Application

Penetration Grade 60-70 can be used in various types of road application such as hot-mix asphalt (HMA) and surface treatment (single or multiple) for pavement base and surfaces. The uses of bitumen are numerous. The chief one in most countries is for road construction. It is also used for surfacing airfield runways and taxi tracks, hydraulic applications such as canal lining, river bank protection, dam construction and sea defenses. There are also numerous industrial applications like roofing felt manufacture, printing inks, electrical cable / Junction boxes, mastic for roofing of terraces, duplex paper manufacture etc.

Technical Properties

Property	Min.	Max.	Test Method
Appearance	Dark black viscous liquid		
Odor	Characteristic asphaltic - especially when hot		
Penetration at 25°C, 100g, 5 sec (0.1 mm)	60	70	ASTM D5
Softening Point, Ring & Ball (°C)	48	56	ASTM D36
Solubility in Trichloroethylene (%wt)	99	-	ASTM D2042
Ductility at 25°C, 5 cm per min. (cm)	100	-	ASTM D113
Flash Point Temperature (Cleveland open cup)(°C)	250	-	ASTM D92
Retained Penetration (%)	52	-	ASTM F1754/D5
Loss on Heating (wt%)	-	0.2	ASTM D6
Drop in Penetration After Heating (%)	-	20	ASTM D6/D5

Packaging

Supplied in 20 kg Pails & 180 kg steel Drums & 200 kg steel Drums.

Safety

Refer to the Material Safety Data Sheet for more about safety instructions.

Storage

Before being filled, tanks should be examined for possible contaminants. Also to ensure quality its duly tested by certified third party laboratory to make sure the product meet specifications and delivered to you both on spec and on time. Refer to the table below for recommended temperature ranges.

Stage	Recommended Temperature Range °C
Short-term Storage	120-140
Long-term Storage	Below 100
Mixing/Coating with Aggregate	140-160
Laying/Paving	Above 125
Beginning of Compaction	Over 110

Contact Info

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