

# PAVING BITUMEN

## VISCOSITY GRADE BITUMEN FOR FLEXIBLE PAVEMENTS

### PRODUCT DESCRIPTION

**PAVING BITUMEN** is an imported homogenous paving grade bitumen essential for road construction and for the production of asphalt pavements with superior properties and it is very important once it bounds the aggregates and creates unique cohesion and stability to the bituminous mix. It is available in various grades and these grades are specified by their viscosity at a standard temperature (typically at 60 °C). **PAVING BITUMEN** is designed to take care of lowest temperature (responsible for cracking) and maximum temperature (responsible for rutting).

### STANDARDS

**PAVING BITUMEN** conforms to IS 73:2006

PRODUCT PROPERTIES	VG 10 BITUMEN 1203	VG 20 BITUMEN 1204	VG 30 BITUMEN 1205	VG 40 BITUMEN 1206
	Absolute Viscosity, 60 °C, Poise, min.	800	1600	2400
Kinematic Viscosity, 135 °C, CST, min.	250	300	350	400
Flash Point, °C, Min.	220	220	220	220
Solubility in trichloroethylene, %, min.	99.0	99.0	99.0	99.0
Penetration, 25 °C	80 - 100	60 - 80	50 - 70	40 - 60
Softening Point, °C, min.	40	45	47	50
<b>Tests on Residue from Thin Film Oven Test / RTFOT</b>				
1. Viscosity Ratio at 60 °C, Max.	4.0	4.0	4	4
2. Ductility at 25 °C, cm, min, After Thin Film Oven Test	75	50	40	25

### ADVANTAGES

- Based on the fundamental engineering properties
- Suitable for wide range of temperature
- Greater mix in ease design and longer durability
- Reduces time and cost of testing

### AREA OF APPLICATION

- Spraying applications such as surface - dressing and paving in very cold climate
- Used to Manufacture bitumen emulsion and modified bitumen products
- Construction and maintenance of roadways, saturant for roofing felt, electrical cables
- Highly stress areas such as intersections, near toll booths and truck parking lots

## HEATH AND SAFETY

- Use goggles, gum-boots, nose-covers and hand gloves during application
- Clean hands with warm water after application

## PACKAGING

Available in 220 Kg Barrel and in bulk as per requirement.

## STORAGE

Keep in a cool dry place in air tight containers under shed away from heat and fire.

### DISCLAIMER

**SUPREME BITUCHEM** reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data and is to the best of knowledge that its accurate and true. All recommendations are made in good faith. **PAVING BITUMEN** is warranted to be free from manufacturing defects for a period of 10 years. We can accept no responsibility and no warranty is implied with regard to any of the recommendations made in the technical data sheets since the condition of actual use and the labour involved are beyond our control.

### Our Products & Services

- ▶ APP & SBS Specialized Waterproofing Membranes
- ▶ Specialized Products for Highways & Road Surfacing
- ▶ PU Bituminous Waterproofing Liquid Membrane
- ▶ Anticorrosive Coating and Tapes
- ▶ Construction Chemicals and Building Materials
- ▶ Specialized Civil & Waterproofing Contracts
- ▶ Admixtures, Sealants and Grouts
- ▶ Thermal Insulation Products
- ▶ Complete Range of Bituminous Products

#### REGD. OFFICE :

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I Pune : 07755 982 690  
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