



## Bitumen 120/150 Specification

| Property                               | Test Method        | Unit              | Specification |
|----------------------------------------|--------------------|-------------------|---------------|
| Penetration at 25°C, 100g, 5 sec       | ASTM D5 / EN 1426  | dmm               | 120–150       |
| Softening Point (Ring & Ball)          | ASTM D36 / EN 1427 | °C                | 38–46         |
| Ductility at 25°C                      | ASTM D113          | cm                | Min. 100      |
| Flash Point (Cleveland Open Cup)       | ASTM D92           | °C                | Min. 230      |
| Solubility in Trichloroethylene        | ASTM D2042         | %                 | Min. 99.0     |
| Specific Gravity at 25°C               | ASTM D70           | g/cm <sup>3</sup> | 1.00–1.06     |
| Loss on Heating (TFOT)                 | ASTM D1754         | % wt              | Max. 0.5      |
| Retained Penetration After TFOT        | ASTM D5            | %                 | Min. 50       |
| Increase in Softening Point After TFOT | ASTM D36           | °C                | Max. 9        |
| Spot Test                              | AASHTO T102        | —                 | Negative      |
| Water Content                          | ASTM D95           | %                 | Max. 0.2      |

### Product Description

Bitumen 120/150 is a **penetration-grade paving bitumen** manufactured from carefully selected crude oil through controlled refining processes. It provides excellent flexibility, adhesion, and waterproofing properties, making it suitable for asphalt mixtures used in road construction and pavement maintenance.

### Typical Applications

- Road construction
- Highway paving
- Urban streets
- Residential roads
- Asphalt concrete production
- Surface dressing
- Pavement maintenance
- Infrastructure projects

### Available Packing

- New Steel Drums (180 kg / 200 kg)
- Jumbo Bags
- Poly Bags
- Bitutainers

### Storage

Store Bitumen 120/150 in dry, covered conditions away from moisture and contamination. Avoid prolonged overheating and maintain only the minimum handling temperature required to preserve product quality.