



# BITUMEN

## 80/100

PREMIUM QUALITY BITUMEN  
FOR VARIOS APPLICATIONS

-  High performance
-  Consistent Quality
-  International Standard
-  Reliable Supply

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# BITUMEN 80/100

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## ABOUT THE PRODUCT

**Penetration Grade 80/100** is a soft-grade bitumen widely used for asphalt production in regions experiencing significant temperature fluctuations.

This grade provides enhanced elasticity and thermal resistance, allowing asphalt surfaces to maintain structural stability under varying environmental conditions. In several international standards, the **80/100** range is commonly specified instead of 85/100.

It is suitable for flexible pavement systems, municipal roads, and infrastructure projects located in cold to moderate climates.

## ADVANTAGES

- ✓ Easy production and quality control
- ✓ Internationally recognized and widely accepted standard
- ✓ Reliable mechanical performance at moderate temperatures
- ✓ Extensive historical performance data and proven track record

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# BITUMEN 80/100

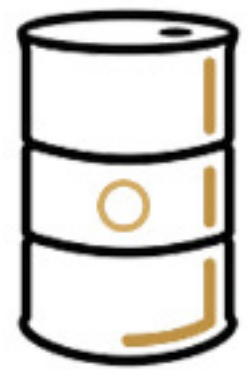
## TECHNICAL SPECIFICATION

| Bitumen 80/100                      |                |             |
|-------------------------------------|----------------|-------------|
| Test                                | Methodology    | Value       |
| Density                             | ASTM D-7       | 1/01 – 1/05 |
| Penetration Rate at 25°C            | ASTM D-5       | 80-100      |
| Softening Point °C                  | ASTM D-36      | 45-52       |
| Ductility at 25°C (cm) – Min        | ASTM D-113     | 100         |
| Flash Point °C – Min                | ASTM D-92      | 250         |
| Solubility in disulfide %wt         | ASTM D-4       | 99/5        |
| Satin Test                          | AASHTO T 102   | Negative    |
| Weight Loss by Heating %wt – MAX    | ASTM D-6       | 0/2         |
| Penetration Loss by Heating % – MAX | ASTM D-6 – D-5 | 20          |

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## AVAILABLE PACKAGING OPTIONS



Barrel  
180 ± 5 Kg



Jumbo Bag  
1000 ± 50 Kg



Bulk  
24000 ± 200 kg

## Why Us

- multi-source of supply
- fast and efficient global distribution
- reliable inventory and supply continuity
- reduced geopolitical and supply chain risks

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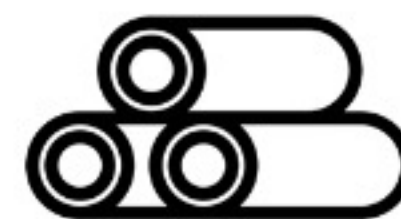
## APPLICATIONS



Road Construction



Waterproofing



Asphalt Mixtures

