



Bitumen 20/30

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 20/30 is a hard, durable grade of bitumen used primarily in heavy-duty road construction, such as highways, industrial roads, and airport runways. Its low penetration value and high softening point make it ideal for regions with high traffic loads and hot climates.

| CHARACTERISTICS | UNIT | LIMITS | TEST METHODS |
|---|--------------------|------------|--------------|
| Penetration @25°C, 100gm, 5sec | 0.1MM | 20-30 | EN 1426 |
| Softening Point, Ring & Ball | °C | 55-63 | EN 1427 |
| Resistance to Hardening at 163°C | | | |
| Change of Mass | % | Max. 0.5 | EN 12607-1 |
| Retained Penetration | °C | Min. 55.0 | EN 1426 |
| Increase in softening point | °C | Max. 8.0 | EN 1427 |
| Flash Point | °C | Min. 240.0 | EN ISO 2592 |
| Solubility | % | Min. 99.0 | EN 12592 |
| Kinematic Viscosity at 135°C | mm ² /s | Min. 530.0 | EN 12595 |
| Dynamic Viscosity at 60°C | Pa.s | Min. 440.0 | EN 12596 |

Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping.

Application:

Bitumen 20/30 is in heavy-duty road construction and industrial projects that require high durability and resistance to deformation. Due to its hardness, Bitumen 20/30 is particularly suited for projects where the pavement must endure heavy traffic loads and high temperatures.

Application Temperature

Mixing: 160°C to 180°C

Compaction: 140°C to 160°C

Heating Precaution: Avoid exceeding 200°C, as higher temperatures can degrade the bitumen and affect its binding properties.

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

Packaging:

New steel drums, reconditioned steel drums, Weatherproof packaging in poly bags or Bulk Steel Drums : 180Kg, 200Kg
Poly Bags : 300Kg, 1000Kg
Bulk : Vessel Load / Tank Containers

Code Approvals/Compliance:

Meets: BS EN 12591, SANS 4001-BT1:2016

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