



Bitumen 100/150

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 100/150 is a softer grade of bitumen, primarily used in road construction, especially in colder climates or for roads with lower traffic volumes. Its flexibility helps prevent cracking in cold regions, and it is also suitable for surface dressing, asphalt production, and industrial applications like waterproofing.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C, 100gm, 5sec	0.1MM	100-150	EN 1426
Softening Point, Ring & Ball	°C	39-47	EN 1427
Resistance to Hardening at 163°C			
Change of Mass	%	Max. 0.8	EN 12607-1
Retained Penetration	°C	Min. 43.0	EN 1426
Increase in softening point	°C	Max. 10.0	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. 175.0	EN 12595
Dynamic Viscosity at 60°C	Pa.s	Min. 55.0	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 100/150 is in road construction and maintenance, particularly in regions with colder climates or roads with lower traffic volumes. Its softer nature allows for more flexibility, making it ideal for surfaces that need to resist cracking due to temperature changes.

Application Temperature

Mixing: 140°C - 160°C.

Compacting: 120°C - 150°C.

Heating: Care should be taken not to exceed 170°C to prevent degradation, which can affect the bitumen's 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 or Bulk.

Steel Drums : 180Kg, 200Kg

Bulk : Tank Containers

Code Approvals/Compliance:

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

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