



Bitumen 70/100

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 70/100 is a penetration grade bitumen, is a versatile and essential material in the construction and maintenance of durable road infrastructure, as well as in various waterproofing and industrial applications, providing reliable performance under various conditions.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C, 100gm, 5sec	0.1MM	70-100	EN 1426
Softening Point, Ring & Ball	°C	43-51	EN 1427
Resistance to Hardening at 163°C			
Change of Mass	%	Max. 0.8	EN 12607-1
Retained Penetration	°C	Min. 46.0	EN 1426
Increase in softening point	°C	Max. 9.0	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. 230.0	EN 12595
Dynamic Viscosity at 60°C	Pa.s	Min. 90.0	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 70/100 is suitable for hot Mix Asphalt and Surface dressing to improve skid resistance and seal the surface, extending the life of the pavement.

Application Temperature

Storing : 120°C - 140°C.

Mixing : 140°C - 160°C.

Compacting : 110°C - 130°C.

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 : Tank Containers

Code Approvals/Compliance:

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

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