



Bitumen 40/60

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 40/60 is a hard, durable grade of bitumen, mainly used in heavy-duty road construction, such as highways and industrial roads. It is also suitable for hot climates due to its resistance to softening at higher temperatures.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C, 100gm, 5sec	0.1MM	40/60	EN 1426
Softening Point, Ring & Ball	°C	48-56	EN 1427
Resistance to Hardening at 163°C			
Change of Mass	%	Max. 0.5	EN 12607-1
Retained Penetration	°C	Min. 50.0	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. 325.0	EN 12595
Dynamic Viscosity at 60°C	Pa.s	Min. 175.0	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 40/60 is in heavy-duty road construction and industrial applications, where high strength and resistance to deformation are essential. Its hardness makes it ideal for areas subjected to significant traffic loads and extreme weather conditions.

Application Temperature:

Mixing: 150°C to 180°C.

Compaction: 130°C to 160°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 : Vessel Load / Tank Containers

Code Approvals/Compliance:

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

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