



Bitumen 50/70

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 50/70 is a hard penetration grade bitumen primarily used in the construction and maintenance of roads, as well as in various industrial applications. It is a refined product obtained from the distillation of crude oil, characterized by its adhesive and waterproofing properties.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C, 100gm, 5sec	0.1MM	50-70	EN 1426
Softening Point, Ring & Ball	°C	46-54	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
Viscosity at 135°C	mPa.s	Min. 295.0	ASTM D4402M
Dynamic Viscosity at 60°C	Pa.s	Min. 145.0	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 50/70 is suitable for road construction and repairs. It has very high performance in terms of resistance to ageing and plasticity which make it a great product in road paving sector for the realization of asphalt mixtures for roadways, runways, pavement, track race and landing platform.

Application Temperature

Storing: 120°C - 140°C.

Mixing: 150°C - 160°C.

Compacting: 120°C - 140°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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www.nuroil.com

For further information, please contact:

Nuroil Trading FZE

Email : info@nuroil.com

Phone : +971 55 8405476

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