

TECHNICAL DATA SHEET

PENETRATION GRADE BITUMEN 250-330



IQTB-800-QL-TDS-0010

DESCRIPTION

Bitumen 250-330 is a Penetration Grade of Bitumen according to the standard: BS EN 12591 typically used as a Paving Grade Bitumen suitable for road construction and to produce asphalt pavements with superior properties particularly in road and waterproofing and other similar applications.

This grade of Bitumen is mainly used in the manufacture of hot mix asphalt for bases and wearing courses. Penetration Grade Bitumen is produced from Vacuum Residue (VR), which undergoes air blowing in a Oxidation Blowing Unit. This fully automated, continuous process ensures consistent and homogeneous product quality, meeting stringent specifications and international standards.



SPECIFICATIONS

Test	Specification	Unit	Test Method
Penetration @ 25°C	250-330	mm/10	EN 1426
Softening Point (R & B)	30-38	°C	EN 1427
Kinematic Viscosity @ 135°C	100 Min	mm ² /s	EN 12595
Solubility in Trichloroethylene	99 Min	%	EN 12592
Flash point	180 Min	°C	EN ISO 2592
Dynamic Viscosity @ 60°C	18 Min	Pa.s	EN 12596
Resistance to Hardening at 163°			
Change of Mass	1.0 Max	%	EN 12607-1
Viscosity Ratio @ 60°C	4.0 Max	%	EN 12596
Increase in softening point	11 Max	°C	EN 1427

RECOMMENDED WORKING TEMPERATURES

-  Storage temperature (°C): < 145.
-  Mixing temperature (°C): 140-150.
-  Working temperature (°C): 130.

GUARANTY AND SAFETY

We as Iraq Altaqa Company guaranty the quality of Bitumen Penetration Grade 250-330. To ensure this, an independent international inspection agency is arranged to verify both the quality and quantity of the Bitumen during vessel loading. Additionally, production is closely monitored by the Quality Control (QC) team through batch testing prior to shipment.

APPLICATIONS

Bitumen 250-330 is commonly used in cold climate regions and low-traffic road construction, where flexibility and pliability are crucial. Its softer consistency and high penetration value makes it ideal for applications that demand resistance to temperature fluctuations without cracking.

PACKAGING

Our bitumen is available in a range of packaging options, including:

Jumbo bags	Flexitanks	Steel drums
 1 MT	 20 MT	 150kg 180kg 220kg

All packaging is weatherproof and engineered for safe, efficient handling and transportation in diverse operating environments.



Complies with
BS EN 12591:2019