

TECHNICAL DATA SHEET

CRUMB RUBBER MODIFIED BITUMEN (CRMB) 60



IQTB-800-QL-TDS-0020

DESCRIPTION

CRMB 60 is a high-performance asphalt binder produced by modifying standard 60/70 Penetration Grade Bitumen with finely ground recycled tire rubber (crumb rubber). This modification enhances the binder's elasticity, increases its viscosity, and improves its resistance to temperature, resulting in superior rutting resistance in hot climates and enhanced flexibility in colder conditions. CRMB 60 conforms to the specifications outlined in IS 15462:2004



SPECIFICATIONS

Test	Specification	Unit	Test Method
Penetration @ 25 °C	50 Max	mm/10	ASTM D5
Softening Point (R & B)	60 Min	°C	ASTM D36
Elastic Recovery at 15 °C	50 Min	%	ASTM D6084
Viscosity at 150 °C	3–9	Poise	ASTM D 4402
Separation, Difference in Softening Point, (R&B)	4 Max	°C	–
Flash point	220 Min	°C	ASTM D 92
Thin Film Oven Test & Test on Residue			
Loss in Mass	1Max	% Wt	ASTM D6
Reduction in Penetration of residue at 25!°C	40 Max	%	ASTM D5
Increase in Softening Point	5 Max	°C	ASTM D36
Elastic Recovery at 25, °C	35 Min	%	ASTM D6084

RECOMMENDED WORKING TEMPERATURES

-  Storing temperature (°C): < 160
-  Mixing temperature (°C): 150–170
-  Compaction temperature (°C): 110–140

GUARANTY AND SAFETY

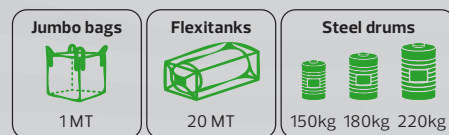
Iraq Altaqa Company guarantees the quality of CRMB- 60. To ensure this, an independent international inspection agency is arranged to verify both the quality and quantity of the Bitumen during vessel loading. Additionally, production is closely monitored by the Quality Control (QC) team through batch testing prior to shipment.

APPLICATIONS

CRMB 60 is ideal for high-stress areas such as urban intersections, roundabouts, highways, and bus lanes, where it resists deformation and rutting under heavy and slow-moving traffic. Its durable and flexible nature also makes it a smart choice for eco-friendly projects focused on sustainability and circular economic practices.

PACKAGING

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



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



Complies with
IS 15462:2004