



Bitumen C600

(Paving Grade Bitumen)

PRODUCT DATA SHEET

Bitumen Class 600 or C600 is a viscosity-graded bitumen, with a viscosity of 600 Poise at 60°C. This grade represents one of the hardest and most viscous types of bitumen, making it suitable for extreme conditions that require the highest resistance to deformation and performance under heavy loads and high temperatures.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Absolute viscosity at 60°C	P	500-700	ASTM D2171
Kinematic viscosity at 135°C	cSt	0.60-0.85	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min 20	ASTM D5
Flash Point	°C	Min 250	ASTM D92
Matter insoluble in toluene	%Wt	Max. 1.0	ASTM D4072
After Rolling Thin-Film Oven Test (RTFO)			
Viscosity of residue at 60°C (% of original)	Pa.s	Max 300	ASTM D2171

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 Class 600 is best suited for high-traffic roads, industrial applications, and warm climate regions. Its superior resistance to rutting, deformation, and high temperatures makes it ideal for highways, industrial roads, airports, and other heavy-duty pavements.

Asphalt Recommendations:

Mixing Temperature: 140-165°C
Spraying Temperature: 170-180°C

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application where good standards of industrial practice are maintained.

Packaging:

New steel drums, reconditioned steel drums, poly bags
Steel Drums: 180Kg, 200Kg
Poly Bags: 300Kg, 1000Kg

Code Approvals/Compliance:

Meets AS2008-2013

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