



# Bitumen AC2.5

(Viscosity Grade Bitumen)

## PRODUCT DATA SHEET

Bitumen AC2.5 refers to **Asphalt Cement** with a penetration grade of 2.5, which describes its viscosity and performance characteristics. The "AC" in AC2.5 stands for **Asphalt Cement**, and the number 2.5 indicates the viscosity measured in Poise (at 60°C), meaning it's a relatively soft grade of asphalt.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Viscosity, 140°F (60°C)	P	250±50	ASTM D2171
Viscosity, 275°F (135°C)	cSt	Min. 80	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 200	ASTM D5
Flash Point Cleveland open cup	°C	Min. 163	ASTM D92
Solubility in Trichloroethylene	% Wt	Min. 99.0	ASTM D2042
<b>Tests on residue from thin-film oven test:</b>			
Viscosity, 140°F (60°C)	Pa.s	Max. 1250	ASTM D2170
Ductility, 77°F (25°C), 5 cm/min	CM	Min. 100	ASTM D113

### 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 grades like AC2.5 are determined by their viscosity, penetration, or performance-based properties, and they guide its usage for specific applications such as paving or roofing. AC2.5 might be selected for projects that need flexibility in extreme temperature conditions.

### 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 or in Bulk  
Steel Drums : 180Kg, 200Kg  
Bulk : Tank Containers

### Code Approvals/Compliance:

Meets: ASTM D3381-09

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