

# ASA BITUMEN

## BITUMEN 100/120

**ASA BITUMEN**, as one of the largest producers and exporters of bitumen, supplies Bitumen 100/120, a penetration grade widely used in road construction and paving applications. The well-balanced properties of Bitumen 100/120 enable ASA BITUMEN to deliver a product that performs reliably under varying temperature conditions, making it a versatile and dependable material for a wide range of construction and infrastructure projects.

Characteristic	Unit	Limits	Test Method
Penetration @ 25°C (77°F), 100 g, 5 sec	0.1 mm	100 – 120	ASTM D5
Softening Point	°C	Min. 40	ASTM D36
Ductility @ 25°C, 5 cm/min	cm	Min. 100.0	ASTM D113
Flash Point (Cleveland Open Cup)	°C	Min. 250.0	ASTM D92
Solubility in Trichloroethylene	%	Min. 99.5	ASTM D2042
<b>After Thin-Film Oven Test</b>			ASTM D1754
Loss on Heating	% wt	Max. 0.5	ASTM D6
Drop in Penetration	%	Max. 20.0	ASTM D5
Spot Test	—	Negative	AASHTO T102

### Quality:

At **ASA BITUMEN**, the quality of Bitumen 100/120 is guaranteed for every delivery. ASA BITUMEN arranges independent international inspectors to verify product quality, while ASA BITUMEN ensures continuous production control through its Quality Control system. Each shipment from ASA BITUMEN is supported by an official batch test report issued prior to shipment.

### Application:

**ASA BITUMEN** supplies Bitumen 100/120 as a versatile material for road construction, maintenance, and a wide range of industrial applications. The balanced softness and flexibility of Bitumen 100/120 from ASA BITUMEN make it suitable for durable and long-lasting pavements, particularly in regions with varying temperature conditions. The following temperature ranges for optimal performance of Bitumen 100/120: heating and mixing at 140°C – 160°C, paving at 120°C – 140°C, and compaction at 100°C – 120°C, as specified by ASA BITUMEN.

### Health & Safety:

At **ASA BITUMEN**, bitumen is not expected to pose any significant health or safety hazards when handled and applied in accordance with recommended guidelines. ASA BITUMEN emphasizes adherence to proper industrial safety procedures and high standards of personal hygiene to ensure safe handling and application at all stages.

### Packaging:

**ASA BITUMEN** provides secure and efficient packaging solutions to meet international logistics requirements. ASA BITUMEN offers Bitumen 100/120 in new or reconditioned steel drums, as well as bulk supply in bitumen tank containers. Standard packaging options from ASA BITUMEN include steel drums (180 kg and 200 kg) and bulk shipments via tank containers, ensuring product integrity during transportation.

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