



Technical Data Sheet — Bitumen C320 Australia Grade

Product Name: Bitumen C320 / Class 320 Asphalt Binder

Product Type: Viscosity grade paving bitumen

Standard Reference: AS 2008 type viscosity grading

Main Use: Heavy-duty asphalt paving, highways, airports, ports, logistics areas, hot-climate roads.

Description

Bitumen C320 is a high-viscosity asphalt binder classified by viscosity at 60°C. It is designed for heavy traffic, high axle loads, hot climates, and pavements requiring improved rutting resistance and durability.

Typical Properties

Property	Typical Value / Requirement
Appearance	Black semi-solid / viscous liquid when hot
Grade	C320 / Class 320
Viscosity at 60°C	Approx. 320 Pa·s
Flash Point	Above 250°C
Solubility in water	Insoluble
Odour	Mild petroleum/asphalt odour
Performance	High rutting resistance, high load-bearing stability
Recommended use temperature	Heat only as required for pumping, mixing, and application
Storage	Heated bulk tank or sealed drums, away from ignition sources

Applications

Used for highways, expressways, airport runways and taxiways, industrial roads, ports, logistics hubs, and infrastructure projects following Australian or Oceania-style specifications.

Packaging

Bulk tanker, bitutainer, new steel drums, jumbo bags, or project-specific packing.



Shelf Life

Typically 12–24 months when stored sealed, clean, dry, and protected from contamination and overheating.