



# Bitumen C50

(Viscosity Grade Bitumen)

## PRODUCT DATA SHEET

Bitumen Class 50 is a specific grade of bitumen defined by the Australian Standard AS 2008: Residual Bitumen for Pavements. This standard classifies and specifies the properties of conventional pavement-grade bitumens commonly used in Australia.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Viscosity at 60°C	Pa.s	40-60	ASTM D2171
Viscosity at 135°C	Pa.s	0.20-0.30	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 130	ASTM D5
Flash Point Cleveland open cup	°C	Min. 250	ASTM D92
Matter insoluble in toluene	%Wt	Max. 1.0	ASTM D4072
<b>Tests on residue from thin-film oven test:</b>			
Viscosity of residue at 60°C as % of original	%	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 C50 could have been used as a binder in concrete mixes, particularly for applications requiring a more flexible material. It might have been used in various other applications, such as sealing cracks or joints in roads.

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

### Code Approvals/Compliance:

Meets AS2008-1997

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