

Technical Data Sheet

Viva Bitumen C450

Paving Grade Bitumen

Description

Viva Bitumen C450 is a paving grade bitumen manufactured to comply with AS2008 Table 2.2 and is suitable for use in heavily trafficked asphalt.

Applications

Viva Bitumen C450 was originally a development from the Roads and Maritime Services in New South Wales and was incorporated into the 2012 revision of the national bitumen standard AS2008. Viva Bitumen C450 has been formulated to meet the viscosity requirements of AS2008 Table 2.2 whilst retaining excellent asphalt workability characteristics. The target applications are asphalt wearing courses and basecourses for heavily trafficked pavements

Recommendations

Mixing Temperature	Holding time at Mixing Temperature	Medium term storage temperature	Medium term storage time	Maximum safe handling temperature
165-175°C	14 days	130-150°C	30 days	190°C

Health & safety

Viva Bitumen C450 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.

Further guidance on Product Health and Safety is available on the relevant Safety Data Sheet

Specifications/approvals

AS 2008	C450
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Typical characteristics

Description	Units	Methods	Typical
Viscosity at 60° after RTFOT	Pa.s	AS 2341.2	750 - 1150
Viscosity at 135°	Pa.s	AS 2341.2	0.7 max
Pen at 25° after RTFOT	dmm	AS 2341.12	min 26
Flashpoint	°C	AS 2341.14	min 250