

Technical Data Sheet

Viva Bitumen EME Binder

Paving Grade Bitumen



Description

Viva Bitumen EME Binder is a hard paving grade bitumen manufactured or blended to the requirements described in the Austroads report AP-T283-14 and is intended for use in structural course asphalt.

EME Binder is a 15/25 pen grade bitumen equivalent to the 15/25 European grade for use in EME2 asphalt.

Applications

EME Binder is a recent addition to the bitumen portfolio in Australia and is intended for use in EME2 asphalt. EME2 is a structural asphalt that must go through a rigorous mix design process to optimise the aggregate grading and binder content. Viva Bitumen EME Binder is manufactured to meet the requirements of Austroads 15/25 pen bitumen.

Recommendations

Mixing Temperature	Holding time at Mixing Temperature	Medium term storage temperature	Medium term storage time	Maximum safe handling temperature
175-185°C	14 days	130-150°C	30 days	190°C

Health & safety

Viva Bitumen EME Binder 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 Material Safety Data Sheet

Specifications/approvals

AP - T283 - 14	15/25 pen
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Typical characteristics

Description	Units	Methods	Typical
Viscosity at 60° C	Pa.s	AS 2341.2	3000
Viscosity at 135° C	Pa.s	AS 2341.2	1.4
Pen at 25° C	dmm	AS 2341.12	20
Softening Point	° C	AS 2341.18	63
Flashpoint	° C	AS 2341.14	max 250