Opt-in Carbon Neutral C450 Paving Grade Bitumen

Viva Bitumen

Description

Viva Energy Opt-in Carbon Neutral C450 Paving Grade Bitumen is a Climate Active certified product that has undergone rigorous carbon footprint analysis to achieve carbon neutral certification against the Australian Government's Climate Active Carbon Neutral Standard. The purchase of carbon offsets has been used to cancel out greenhouse gas emissions associated with the extraction, transportation, manufacture and supply and of Opt-in Carbon Neutral C450 Paving Grade Bitumen, by investing in projects that reduce or remove emissions. There are no physical changes to the product so there are no changeover or operability concerns and the product can be used in accordance to applications and specifications as detailed below.

Opt-in Carbon Neutral C450 is a paving grade bitumen manufactured to AS 2008 Table 2.2 and is suitable for use in heavily trafficked asphalt.

Alternatively known as VIVA BITUMEN C450 CO2 NEUTRAL.

Applications

C450 C02 Neutral 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 termstorage time	Maximum safe handling temperature
165-175°C	14 days	130-150°C	30 days	190°C

Health and Safety

C450 CO2 Neutral 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

Typical Characteristics

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