

# Opt-in Carbon Neutral C320 Paving Grade Bitumen

## Viva Bitumen

### Description



Viva Energy Opt-in Carbon Neutral C320 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 C320 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 C320 is a paving grade bitumen manufactured to AS 2008 Table 2.2 and is suitable for medium to heavy asphalt applications as well as for heavy duty and hot climate seals.

Alternatively known as VIVA BITUMEN C320 CO2 NEUTRAL.

### Applications

C320 CO2 Neutral bitumen is primarily for use in asphalt, but can also be sprayed as a sealing binder for heavy duty applications and in hot desert regions. In asphalt applications, appropriate mixture and pavement designs should be employed to maximise the performance of the asphalt layer in service.

Recommended handling data for asphalt applications are as follows:

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	185°C

## Sealing recommendations

Spraying Temperature	Holding time at spraying temperature	Medium term storage temperature	Medium term storage time	Minimum pavement temperature
170-185°C	7 days	130-150°C	30 days	15°C

## Health and Safety

C320 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	C320
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## Typical Characteristics

Description	Units	Methods	Typical
Viscosity at 60° C	Pa.s	AS 2341.2	320
Viscosity at 135° C	Pa.s	AS 2341.2	0.5
Pen at 25° C	dmm	AS 2341.12	min 40
Flashpoint	° C	AS 2341.14	min 250
Viscosity of residue at 60° C (% of original)	Pa.s	AS 2341.2	max 300