

PRODUCT DESCRIPTION

Higgins CRS-2 is a cationic, rapid-setting, bitumen emulsion specifically designed for use in chip sealing. It has a high residual binder content and a high viscosity to minimise the occurrence of run-off during chip sealing. CRS-2 is manufactured from 180/200 bitumen and finds use in the same applications as cutback bitumen, but being an emulsion has superior adhesion to damp chip or when sealing in cooler weather.

WHERE TO USE

- Reseals in place of cutback bitumen.
- Texturing and void fill seals

TYPICAL PROPERTIES OF CRS-2

Binder Type		180/200 Bitumen
Binder Content	In-House Method NTM 02	70%
Brookfield Viscosity (70°C)	ASTM D4402	300 mPa.s
Sieve Residue (150µm)	AS2341.26	0.1%

APPLICATION AND DESIGN

Although the pavement may be damp, CRS-2 should only be applied to clean pavements that have no surface moisture present.

Storage Life	Up to 7 Days
Storage Temperature	50 – 70°C
Spraying Temperature	70 – 90°C
Spray Rates	1.0 – 2.5 L/m ²
Air and Pavement Temperature	10°C and rising

- Only commence chip sealing if no rain is forecast for at least the next 24, and preferably 48 hours.
- Use clean chip and ensure early chipping and adequate and timely rolling.
- Remember to make an adjustment for the water content of the emulsion when determining the spray rate.
- Design residual binder application rates for CRS-2 are the same as for conventional chip seals. However, local experience, pavement, and traffic conditions should also be considered. Consult the manufacturer if further guidance is required.

To the best of our knowledge the information contained in this document is correct. Since the products described herein are being continuously improved, the specified properties may vary as improvements are made to production processes and product quality. This document may be revised at any time.