

## PRODUCT DESCRIPTION

Emulsiphalt 375 is a cationic, rapid-setting, polymer-modified 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. Emulsiphalt 375 finds use in the same applications as Flexiphalt 350S, but being an emulsion has superior adhesion to damp chip or when sealing in cooler weather.

## WHERE TO USE

- Heavy axle loads and traffic flows
- Pavements subject to extremely hot or cold temperatures
- As a SAM for cracked pavements or pavements experiencing high deflection.
- As a SAMI under dense or open graded mix.

## TYPICAL PROPERTIES OF EMULSIPHALT 375

Binder Type		Flexiphalt 350S
Binder Content	In-House Method NTM 02	75%
Brookfield Viscosity (70°C)	ASTM D4402	300 mPa.s
Sieve Residue (150µm)	AS2341.26	0.3%

## APPLICATION AND DESIGN

Although the pavement may be damp, Emulsiphalt 375 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	1.2 – 3.0 L/m <sup>2</sup>
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 Emulsiphalt 375 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.*