



Emulsiphalt® 375

Emulsiphalt 375 is a cationic, rapid-setting, polymer-modified bitumen emulsion specifically designed for use in chip sealing. It is formulated to break and build cohesion quickly and has a carefully balanced viscosity to minimise run-off. Emulsiphalt 375 is the ideal binder to use safely in place of hot applied PMBs such as Flexiphalt 350S.

Emulsiphalt 375 has superior adhesion to sealing chip compared to hot applied products, especially when using damp chip or when sealing in cooler weather.

WHERE TO USE

- Extreme Stress Seals (XSS) in very heavy traffic environments
- Strain Alleviating Membranes (SAM) for severely cracked or deflecting pavements, or in very heavy traffic environments
- As a Strain Alleviating Membrane Interlayer (SAMI) under dense or open graded mix
- Hot or cold climates where the binder must operate beyond its service temperature range.

APPLICATION AND DESIGN

- Storage Life:** Up to 7 Days
- Storage Temperature:** 50–70°C
- Spraying Temperature:** 70–90°C
- Spray Rates:** 1.0–3.0 L/m²
- Air and Pavement Temperature:** 15°C and rising

- Only start spraying 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
- Adjust for the water content of the emulsion when determining the spray rate
- Residual binder application rates for Emulsiphalt 375 are the same as for unmodified chip seals. Local experience, pavement, and traffic conditions must also be considered
- Although the pavement may be damp, Emulsiphalt 375 should only be applied to clean pavements that have no surface moisture present
- Consult the manufacturer if further guidance is required
- A Safety Data Sheet (SDS) is available upon request.



Typical Properties of Emulsiphalt 375

Title	Method	Property
Residual Binder Type		Polymer Modified Bitumen
Binder Content	In-House Method	74%
Brookfield Viscosity (70°C)	ASTM D4402	800 mPa.s
Median Particle Size	In-House Method	8 micron

For more information please contact:

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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.