

## PRODUCT DESCRIPTION

Higgins Emulsion Prime is a cationic bitumen emulsion designed as a primer for bound and unbound granular pavements prior to surfacing with asphalt or chip seal. It can also be used as a primer for concrete or timber surfaces. The emulsion prime has a low viscosity to allow penetration into surface voids and is designed to provide rapid curing and excellent adhesion to pavement surfaces. Higgins Emulsion Prime binds loose material on the pavement surface, assists in waterproofing the pavement and presents a suitable surface for adhesion of the chip seal or asphalt surfacing.

## WHERE TO USE

- Priming of bound and unbound granular pavements prior to surfacing
- Priming of concrete and timber surfaces

## SPECIFICATION FOR HIGGINS EMULSION PRIME

Binder Type		Penetration Grade Bitumen
Binder Content	In-House Method NTM 02	50% min.
Brookfield Viscosity (25°C)	ASTM D2196	100 mPa.s max.
Sieve Residue (150µm)	AS2341.26	0.2% max.

## APPLICATION AND DESIGN

Storage Life	Up to 60 Days
Storage Temperature	10 – 50°C
Spraying Temperature	20 – 60°C
Spray Rates	0.1 – 0.6 L/m <sup>2</sup>

- The spray rate used is dependent upon the surface porosity and texture.
- Emulsions should only be used if no rain is forecast for at least the next 24 hours.
- The pavement surface should be swept clean and be free of dust.
- Although the pavement surface should be free of ponding and surface water, the surface should be damp to facilitate spreading and penetration of the Emulsion Prime.
- Higgins Emulsion Prime can be diluted with an equal part of potable water to assist with penetration into tightly compacted or dusty pavements.
- Once diluted, settlement of the emulsion will occur rapidly. The diluted emulsion will have a short storage life and should be used within 24 hours.

*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.*