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# Pavecure BE

## Waterbased bitumen emulsion curing compound to AS3799

### INTRODUCTION

Pavecure BE is a blend of bitumen and hydrocarbon resins emulsified in water. The impervious film formed by Pavecure BE prevents excessive water evaporation, promotes efficient cement hydration, and minimises shrinkage whilst increasing durability of the concrete.

### BENEFITS

- Dries to a black finish
- Complies with Australian Standard AS3799
- Achieves water retention of 90% or greater
- Cationic emulsion
- Single pack
- Reduces plastic shrinkage
- Environmentally friendly
- Can be applied by spray, roller or brush
- Ideal primer coat for asphalt or bitumen overlays on concrete roads, bridges or parking decks
- Eliminates the need for curing by ponded water, damp hessian or polythene sheeting
- Seals concrete surfaces
- Contains no wax

### USES

Pavecure BE is suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors.

### SPECIAL FEATURES

Due to its unique formulation and blend of bitumen resins and hydrocarbons, Pavecure BE not only cures concrete but it also acts as a primer coat for asphalt and bitumen overlays. It is ideally suitable for bridge decks and road construction where a concrete curing compound and bitumen primer can be applied in one application.

### TYPICAL PROPERTIES AND APPLICATION DATA

<i>Appearance:</i>	Homogenous black emulsion
<i>Coverage:</i>	5m <sup>2</sup> per litre
<i>Viscosity:</i>	0.22 Pa.s
<i>Solids:</i>	49% +/- 1%
<i>Solubility in Water:</i>	Totally soluble
<i>Flash Point:</i>	84°C
<i>Solvents:</i>	Not applicable
<i>Shelf Life:</i>	12 months maximum
<i>Dry Time:</i>	<i>Tack Free:</i> 1 - 3 hours
	<i>Hard Dry:</i> 4 - 8 hours
	<i>Trafficable:</i> 24 hours
<i>Application Temperature:</i>	10°C - 35°C
<i>Application By:</i>	- Spray - Brush - Roller - Broom
<i>Packaging:</i>	- 200 litre drum - 20 litre poly drum
<i>UN Number:</i>	Not applicable
<i>Hazchem Code:</i>	Not applicable
<i>Packaging Group:</i>	Not applicable
<i>Poison Schedule:</i>	5
<i>Dangerous Goods Class:</i>	Not applicable

## SURFACE APPLICATION

Apply Pavecure BE to the concrete as soon as the bleed water has gone and the concrete has hardened sufficiently so as not to be marked by the application process. Apply Pavecure BE undiluted at a rate of 1 litre per 5m<sup>2</sup>. Best applied by spray, however, may also be applied by brush, roller or broom.

If the concrete surface is required to be trafficable **prior** to having an overlay placed then sand or fine stone can be placed over the Pavecure BE to increase the abrasion resistance of the coating.

## SUPPLY & PACKAGING

Pavecure BE is available in either 20 litre or 200 litre drums. Pavecure BE should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months.

## PRECAUTIONS

Pavecure BE is designed for use in ambient temperatures between 5° - 40° C and all properties listed above assume a temperature of 20°C. Where conditions outside this range are encountered, please consult our technical staff prior to application.

**Always read the product data sheet, MSDS and product label prior to use of this material.**

## TECHNICAL SUPPORT

Through our experienced sales team, Aitken Freeman can offer technical support to users and specifiers, and can arrange on-site visits to end users and contractors.

## ALLIED PRODUCTS

Aitken Freeman Pty Ltd is an Australian company which manufactures and distributes a comprehensive range of high quality, high performance construction products including:

- Grouts and anchoring systems
- Epoxy Surface Coatings
- Admixtures for concrete
- Adhesives & Sealants
- Floor toppings
- Floor levelling compounds
- Concrete Repair materials
- Waterproofing solutions

***Refer to Material Safety Data Sheet for precautions and personal protection prior to use of this product***

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