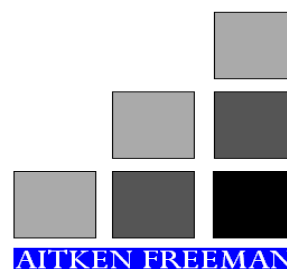


Pavecure BE



Water based Bitumen Emulsion Curing Compound that Complies to AS:3799

USES

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

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

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.

SUPPLY

Pavecure BE is available in either 20 litre or 200 litre drums.

TYPICAL PROPERTIES AND APPLICATION DATA

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

Refer to back page for Test Results

INSTALLATION

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 5m². 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.

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.

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.

Material Safety Data Sheets (MSDS) are available to users of Aitken Freeman products on request. Please ensure you have read this data sheet, the MSDS, and the product label carefully before first use of any product.

Locations:

Vic

Factory 7
7 – 9 Brough St
Springvale.Vic.3171
Ph: 03 9701 3955

WA

6B Chalkley Place
Bayswater.WA.6053
Ph. 1300 816 711

Website

www.aitkenfreeman.com

STORAGE

Pavecure BE should be stored in a cool, dry place in original unopened containers. Shelf life under these conditions is 12 months.

ALLIED PRODUCTS

Aitken Freeman manufactures a broad range of construction products and can supply the following:

- 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

Disclaimer: Any advice, recommendation, information, assistance or service provided by Aitken Freeman P/L in relation to goods manufactured or supplied by them or their use and application is in good faith and is believed by Aitken Freeman P/L to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Aitken Freeman P/L is provided without liability.

TEST RESULTS

Method of application: by spraying at standard application rate 5m²/L

Standard property, Test Method	Specification	Result
Water retention efficiency AS 3799.3.1.2 (Method AS 3799 Appendix B)	Min 90%	92%
Non-volatile content As 3799.3.1.8 (Method AS 1580.301.1/RTA 865)	N/A	51.51%
Density AS 3799.3.1.9 (Method AS1580.2002.1)	N/A	0.997kg/L
Viscosity AS 3799.3.1.5 (Method 1580.214.5)	Min 0.05Pa's	0.05 Pa.s
Drying Time AS 3799.3.1.4 (Method AS 1160 Appendix C)	Max. 4 hrs	4 hrs
Stability of Emulsion T 862 (RTA 3203)	Max 4%	0.20%
Infrared absorption spectrum AS 3799.3.2 (Boral Method)	N/A	attached
Residue 150 µm AS 3799.3.1.6 (Method AS/NZ 2341.20)	Max 0.2%	0.14%

As per Test Certificate Date 04/04/2023