



# Vapour Lock

## Solvent Free Epoxy Coating

### INTRODUCTION

Vapour Lock is a water based, solvent free epoxy coating for concrete floors and walls. Ideal for interior floors which have a high moisture content. Vapour Lock provides a moisture barrier prior to laying carpet or vinyl.

### BENEFITS

- Solvent free – water based product
- Excellent adhesion
- Cleans up with water
- Ease of application
- Low maintenance & cost

### PREPARATION

The areas to be coated with Vapour Lock must be clean, dry and free of oil, grease or other contaminants which may affect adhesion of the product. Loose concrete or other material should be removed from the surface and repaired prior to application of Vapour Lock.

Especially porous concrete can be primed with Vapour Lock at a rate of 8 – 10 m<sup>2</sup> per litre.

### MIXING

Vapour Lock is a 2 part epoxy system, the Base component should be added to the Hardener and mixed using an electric drill and a suitable mixing paddle. Mix thoroughly for 3 – 5 minutes to ensure uniformity of consistency and colour. Only mix as much material as can be applied within the pot life of the product.

### APPLICATION

Vapour Lock can be applied using brush, roller or spray. Apply at an even rate for a uniform finish, and take care not to leave excess amounts of Vapour Lock on the surface. Use all mixed product within the pot life. Do not attempt to rework or retemper cured product.

### TYPICAL PROPERTIES

<i>Coverage</i>	6 – 8 m <sup>2</sup> first coat
	8 – 10 m <sup>2</sup> second coat
<i>Pot Life @ 20°C</i>	90 minutes
<i>Recoat Time @ 20°C</i>	18 hours
<i>Traffic Time (pedestrian)</i>	24 hours
<i>Traffic Time (light vehicle)</i>	48 hours
<i>Full Cure</i>	7 days

### CURING

Vapour Lock is suitable for foot traffic and recoating after 18 hours, and full cure is reached after 7 days.

### CLEAN UP

All equipment should be cleaned immediately after use using water.

### SUPPLY

Vapour Lock is available in either 4 litre or 16 litre kits, in Clear or Grey. Other colours can be made to order in sufficient quantity.

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

### PRECAUTIONS

Vapour Lock is designed for use in ambient temperatures between 10° - 35° 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.

Cool weather will slow the rate of cure and increase the time before the floor can be over coated or trafficked.

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

**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.**

## **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