

# Epilox FC

## Heavy duty skid resistant epoxy coating for steel and concrete

### DESCRIPTION

Epilox FC is a solvent free, heavy duty floor coating system based on specially selected epoxy resins, hardeners, and hard wearing aggregates to produce a skid resistant coating for steel and concrete.

### ADVANTAGES

- Skid resistance
- Durability
- Easy application
- Excellent adhesion
- Low maintenance

### TYPICAL PROPERTIES

Pot Life @ 20°C		35 minutes
Recoat time @ 20°C		18 Hours
Adhesion to concrete		>3.5 MPa
Grit Size	Fine	500 micron
	Medium	1000 micron
Traffic Time	Pedestrian	24 hours
	Light vehicle	48 hours
Full Cure		7 Days

### Colours

Pastel Grey	Sliver Grey	Koala Grey
Blue Grey	Lt. Grey Blue	Dk. Grey Blue
Banksia	Serpentine	Ti Tree
Biscuit	Cream	Salsa

### APPLICATION INSTRUCTIONS

#### Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any loose concrete should be removed and repaired to provide a solid foundation. The use of a scrape coat based on Epilox Binder and fine sand may be necessary on old, badly eroded floors.

### Mixing

Epilox FC is suitable for mixing using a drill and suitable paddle. Add the Hardener and Colour Pack to the Base container and mix for 3 to 5 minutes to ensure thorough mixing. Only mix that quantity of material, (usually one kit at a time), that can be used within the setting time.

### Application

Apply the Epilox FC by brush, roller or spray at the rate of 4 - 6 m<sup>2</sup> per litre in an even pattern over the floor. After the first few square metres have been laid and while the coating is still wet, broadcast the Epilox Grit over the surface until the surface is saturated with Grit. After the first coat has hardened, remove the excess Grit by sweeping or vacuuming the floor. This Grit may be recycled for use on the next section of floor to be coated.

Apply the second coat of Epilox FC in the same way as the first coat. Coverage will be less per litre of product due to the rough surface texture. Take care not to leave an excess of Epilox FC on the surface which may reduce the skid resistance. Do not attempt to rework or retemper any partially set product. Avoid waste by using all the kit within 20 minutes of mixing. Once mixed pour the Epilox FC out into a shallow tray for application by brush or roller.

### Curing

Epilox FC is suitable for pedestrian traffic after 24 hours. Allow 7 days for full cure.

### CLEAN UP

Clean all equipment immediately after use. Hardened Epilox FC can only be removed with difficulty. Discard used brushes or roller sleeves.

### MARKETING SERVICES

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## **EPILOX FC**

### **ESTIMATING**

#### **Packaging**

Epilox FC is supplied as a three component 4 Litre kit comprising 3.7 Litre of neutral Base & Hardener, and a standard 500 gm Colour Pack.

Epilox Grits are supplied in 20 kg bags.

#### **Material Usage**

First Coat                    16 - 24 m<sup>2</sup> per kit

Second Coat                12-20 m<sup>2</sup> per kit

NB: Coverage will depend on the choice of Grit size.

Fine Grit                    60 m<sup>2</sup> per bag

Medium Grit                40 m<sup>2</sup> per bag

### **STORAGE**

Epilox FC is an epoxy based product which must be stored in the original unopened containers.

### **PRECAUTIONS**

Where temperatures less than 5°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

Epilox FC is non toxic, but it is alkaline in nature.

Any contact with eyes or skin should be washed off with soap and clean water. Do NOT use solvent.

Protective gloves, goggles and clothing should be worn. Repeated contact with epoxy resins and hardeners can cause sensitization in some people handling this type of product. Where this occurs seek medical advice before continuing use.

Avoid contact with solvent or inhalation of vapour.

Use solvent free hand cleaners for personal use.

NB: Liquid epoxy products may exotherm and set prematurely if not used immediately.

### **NOTE**

Material safety data sheets for these and all Aftek products are available on request. Read the MSDS and product label carefully before using.

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of

use are beyond the control of the manufacturer.

### **ALLIED PRODUCTS**

Aftek manufactures a broad range of construction products including.

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair