

# Epilox SL

## Heavy duty self smoothing epoxy floor topping

### DESCRIPTION

Epilox SL is a heavy duty floor system based on specially selected epoxy resins and hardeners to produce a self smoothing topping for concrete.

### ADVANTAGES

- Seamless
- Durability
- Easy application
- Excellent adhesion
- Low maintenance

### TYPICAL PROPERTIES

Pot Life @ 20°C		65 minutes
Recoat time @ 20°C		18 Hours
Traffic Time	Pedestrian	24 hour
	Light vehicle	48 hour
Full Cure		7 Days
Colours	Grey. Other colours to order in sufficient quantity.	

### 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. Prime any areas which are porous using Epilox Binder applied at 5 - 7 m<sup>2</sup> per litre. Fill any holes or large depressions with an epoxy scratch coat to minimise any surface defects.

#### Mixing

Epilox SL is suitable for mixing using a drill and suitable paddle. Add the Hardener to the Base and mix for 1 to 2 minutes to ensure thorough mixing.

Slowly add the Epilox SL 2 Fillers while mixing. Mix for 3 - 5 minutes before use. Only mix that quantity of material, (usually one kit at a time), that can be used within the setting time.

#### Application

Apply the Epilox SL by trowel to a thickness of 2mm in an even pattern over the floor. Immediately after laying the Epilox SL should be rolled with a spiked roller to remove any trowel marks and assist with the release of any entrapped air. Rolling should be carried out several times before the initial set of the material. Always roll in the same direction during any pass over the floor.

#### Curing

Epilox SL is suitable for pedestrian traffic after 48 hours. Allow 7 days for full cure

#### CLEAN UP

Clean all equipment with solvent after use.

#### ESTIMATING

##### Packaging

Epilox SL is supplied in preweighed 10 Litre kits comprising Base, Hardener and Fillers.

##### Material Usage

Prime Coat	5 - 7 m <sup>2</sup> per litre of Epilox Binder
Top Coat	5 m <sup>2</sup> per kit

#### STORAGE

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

### MARKETING SERVICES

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## **EPILOX SL**

### **PRECAUTIONS**

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

Epilox SL 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. Epilox SL may be subject to some slight surface imperfections such as dimpling dependent on site conditions and these should be considered normal.

They will not affect the wearing properties of the floor or the seamless / hygienic properties of the floor, but may be noticeable under certain lighting patterns.

New concrete should be 28 days old or have a moisture content of less than 5% prior to laying Epilox SL.

### **NOTE**

Material safety data sheets for these and all Atek 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**

Atek manufactures a broad range of construction products including.

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair