



"From time of pour to finished floor...we've got you covered"

# SUREFLOOR ENVIROPOX TECHNICAL DATA

## Water Based Epoxy Coating

### PRODUCT DESCRIPTION

SureFloor Enviropox is a 40% solids, solvent free, water based epoxy system. It has been designed for application as a hard wearing surface over concrete and flake flooring systems. It is the latest in water based technology and combines the ease of application of epoxies with the toughness and wear resistance of acrylics. Containing no solvents, SureFloor Enviropox offers a safe alternative to conventional solvent based materials as well as being resistant to ultra violet degradation for internal behind window applications. Being a water based product it will not darken the concrete. SureFloor Enviropox is available in Gloss or Matt.

### Advantages

- Fast hardening
- Long lasting durability
- Excellent adhesion to concrete
- Haz-mat free technology
- Simple mixing – easy application
- Colourless

### Typical Applications

- Warehouses
- Retail Outlets
- Commercial Interiors
- Factories
- Plant Rooms
- Restaurants

### Typical Properties

- Solids content: 45% v/v
- Tack free time: 30 mins at 25°C
- Cure time: 2 days at 25°C
- Work time: 1 hour at 25°C
- Recoating time: 4 - 12 hours at 25°C
- Good water resistance

### Estimating Data

12ltr SureFloor Enviropox Water Based Epoxy Coating = 60 m<sup>2</sup> @ 2 coats.

3ltr SureFloor Enviropox Water Based Epoxy Coating = 15 m<sup>2</sup> @ 2 coats.

### Surface Preparation

Concrete should be at least 28 days old. Ensure it is free of all contaminants, additives, curing agents, oils, pre-existing coatings etc and is also alkaline in nature. Prepare as necessary by professional diamond grinding or captive blast cleaning as applicable to expose firmly held aggregate to CSP 2 Standard. Vacuum all dust and debris. Allow to dry if wet. Always confirm preparation adequacy.

## Application Rates

Review the area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing. Add SureFloor Enviropox Hardener (part B) to SureFloor Enviropox Resin (part A). Mix until uniform. Apply a minimum of 2 coats (porosity dependant) approximately 6 hours apart (weather dependant). SureFloor Enviropox can be applied using a short nap roller (5mm - 8mm) at 10m<sup>2</sup>/litre.

## General Cleaning

Housekeeping is critical in keeping floor surfaces safe. Vacuum, wash, scrub or sweep daily in accordance with recommendations. Mechanical sweepers and scrubbers can provide excellent results. Verify that the frequency and effectiveness of the cleaning process is appropriate for site conditions. Remove spills immediately, scrub and allow the floor to dry completely.

## Packaging

SureFloor Enviropox Gloss or Matt is available in 12 litre and 3 litre kits (includes hardener & resin). It is pre-packed in correct proportions for use.

## Safety Precautions

Read Material Safety Data Sheet before commencing any application. Keep away from children. Contents are flammable. Keep away from fire or naked flame. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves & goggles etc) during use. Always provide adequate ventilation, especially in confined spaces. If poisoning occurs, call Doctor or Poisons Information Centre. Phone 13 11 26. If swallowed, DO NOT induce vomiting. Give plenty of water or milk. If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.