

# SAFESEAL EPOXY

## Water Based Epoxy Resin Sealer

### Description

**SAFESEAL EPOXY** is a two pack, water dispersible, epoxy resin based system for use as a surface sealer. It will impregnate to strengthen the surface, protect it from accidental chemical spillage and act as a barrier against damp penetration.

### Typical applications of SAFESEAL EPOXY include:

- Sealing concrete and granolithic floors
- Sealing wall renders
- Sealing brick and block paving
- Agricultural storage areas
- Areas subject to oil or chemical spillage
- Areas subject to prolonged moisture

### Appearance

Mixed material forms an emulsion with an off-white milky colour, which disappears after application to leave a clear transparent film.

### USE

#### Surface Preparation

Remove entirely any dust, oils or other deposits to leave clean sound surface. Any residual dampness will tend to hinder Sealer impregnation, therefore surfaces should preferably be dry.

#### Mixing

In a clean plastic bucket, or similar, mix the entire contents of both containers. Add 3 litres of clean water (smaller container = 1 litre) and continue mixing until completely dispersed.

#### Application

Immediately after mixing, brush the sealer on to the prepared surface, brushing in two directions at right angles to each other. It is important to spread the sealer as thinly as possible and not to permit pooling of material. Apply a second coat in similar manner only after any milky appearance of the first coat has completely disappeared but allowing not more than 18 hours between coats. On very porous surfaces additional coats may be necessary. Do not apply in temperatures below 5°C.

#### Coverage

One 3.3 Kg pack will seal up to 35m<sup>2</sup> per coat, dependent upon surface texture and porosity.

One 8.25 Kg pack will seal up to 85m<sup>2</sup> per coat, dependent upon surface texture and porosity.

#### Pot Life

This is influenced by temperature. In practice under normal conditions a pot life of approximately 60 minutes can be expected.

#### Cure Time

Full cure is achieved after approximately 7 days at 20°C. Lower temperatures will prolong cure time but sealed surfaces will generally take light foot traffic the following day.

## Eco-Friendly Concrete Release, Curing & Sealing

### Cleaning of Equipment

Brushes and equipment should be washed thoroughly in clean water immediately after use and before material begins to set, followed by a rinse in **RESOKLENS**.

### Storage

Keep all containers sealed, store at room temperature and away from direct heat. Protect from frost. Under normal temperate and dry conditions storage life is in excess of one year.

### Health & Safety

**SAFESEAL EPOXY** should be handled carefully and skin contact, exposure to high vapour concentrations and ingestion avoided. Wearing of overalls, gloves and protective eyewear should be considered together with the application of a suitable barrier cream to hands where necessary.

Reference should be made to the separate **SAFESEAL EPOXY** Health and Safety literature.