

## FS Epoxy Coating

### 2 pack Epoxy Coating – Solvent free

#### TECHNICAL DATA SHEET

#### USES

**FS Epoxy Coating** is suitable for use where a hard wearing, dust free, hygienic and easy to clean floor topping is required. It is very widely used on industrial or commercial floors in laboratories, showrooms, schools, plant rooms and for the food industry.

#### DESCRIPTION

**FS Epoxy Coating** is based on a blend of Epoxy Resin and Curing Agent binder, giving a very low odour. The product is supplied as two components, the Epoxy Resin component being pigmented. **FS Epoxy Coating** has been formulated using fillers and giving high abrasion resistance properties.

#### ADVANTAGES

1. Solvent Free - giving a low odour system suitable for use in food industries.
2. Hygienic - provides easy to clean, dust free surfaces.
3. Good Chemical resistance.
4. Choice of colour range.
5. Hard wearing, good abrasion resistance, withstands foot and light vehicular traffic.

#### TECHNICAL DATA

Usable time (1.0kg mix) at 20°C	-	30 minutes
Minimum application temperature	-	5°C
Initial cure (foot traffic)	-	24 hours
Full Cure (chemical resistance, Mechanical properties) -		7 days
Shelf life	-	12 months

Storage temperature	-	5°C – 35°C
Mixed S.G. @ 20°C together)	-	1.20 – 1.25 (Resin & Curing Agent mixed together)

### **CHEMICAL RESISTANCE**

**FS Epoxy Coating** is resistant to a very wide range of chemicals, but we recommend that any specific chemical resistance properties should be cleared with our Technical Department before use.

### **COLOUR RANGE**

**FS Epoxy Coating** is available in a wide range of colours.

Non-standard colours are available for an extra charge of between 5 – 20%.

### **SURFACE PREPARATION**

New concrete should be at least 21 – 28 days old or the moisture less than 5%.

The substrate should be clean, free from laitance, oil, grease or other agents, which may impair adhesion.

Techniques should include one or more of the following, depending on how contaminated the substrate is: light mechanical grinding – blasting – grinding - degreasing or acid etching.

### **APPLICATION**

Apply by brush or roller. We would advise 16 hours between the 1st and 2nd coats of the epoxy coating to achieve good intercoat adhesion properties. The above timings apply based on the room temperature being at 15°C. Do not apply the 2nd coat if the coating appears tacky - allow more time to dry. If more than two days elapse between coats, abrade the surface lightly before re-coating.

### **MIXING**

Add the full contents of Curing Agent Component B to the contents of Epoxy Resin Component A and mix thoroughly until an even colour is obtained.

### **COVERAGE**

A 5.0kg unit of **FS Epoxy Coating** will cover approximately 20 - 25m<sup>2</sup> per unit per coat.

Please note: Coverage rates will depend on the porosity and profile of the substrate. Very light colours and pastel shades may require extra coats.

### **CLEANING**

**FS Tool Cleaning Solvent** should be used – do not use on hands.

## **HEALTH & SAFETY**

It is recommended that barrier creams, gloves and protective clothing be used when using **FS Epoxy Coating, FS Epoxy Primer** and **FS Tool Cleaning Solvent**.

If eyes are affected wash with copious amounts of cold water and seek medical advice. For hands, wash with soap and water.

For full details see separate Health & Safety Data Sheet.

## ***OTHER INFORMATION***

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