

EPOXY SF PAINT

Epoxy SF Paint is a specially formulated two-part solvent free epoxy coating. Recommended for use where a tough easily cleaned surface is required, Epoxy SF Paint being virtually odourless can be applied in areas where solvent fumes or odour can cause difficulties. Application by brush or roller to floors will give a decorative sheen finish combined with a durable surface.

Preparation

Prior to application, all surfaces must be clean, sound and free from water. Priming with WB Primer is recommended on both porous and non-porous surfaces to ensure the optimum mechanical and chemical key is obtained. In areas of high abrasion or chemical attack it is recommended that all substrates are prepared by mechanical blast cleaning or scarifying. For further detailed information refer to the Floor Coating Manual.

Mixing

To mix, stir the contents of the coloured base component thoroughly then add the activator component and mix until an even streak free appearance is obtained. It is recommended that the sides of the container are scraped clear of material and the base at least once to ensure thorough mixing takes place.

Application

Apply by brush or roller at a rate of 6 square metres per litre (150 microns) per coat. Allow to cure for a minimum of 16 hours before overcoating and 24 hours before subjecting to foot or light traffic. Epoxy SF Paint will accept heavy vehicles and chemical cleaning after 5 - 7 days.

As Epoxy SF Paint is a self smoothing system 2 applications will be required on floors showing exposed aggregate or a surface profile greater than half the recommended film thickness.

NB Cure times given are for films applied at 150 microns wet film thickness and held at a temperature of 20° C and relative humidity of 65%.

Coverage rates quoted are theoretical. Actual application rates will be determined by the condition and profile of the floor surface.

On mixing large quantities of the resins heat can build up quickly (especially on warm days), resulting in premature gelation. This can be avoided by spreading the mixed material over a larger surface area dissipating any heat produced and increasing the pot life/working life.



Technical Data

Material Type	Pigmented two part solvent free epoxy
Working Life (5 Litre Unit)	45 minutes at 20°C
Cure Time (Overcoating)	16 hours at 20°C
Cure Time (Foot Traffic)	24 hours at 20°C
Full Cure	7 days at 20°C
Solids Content (Mixed)	By weight 100% By volume 100%
Theoretical Coverage	6 square metres per litre per coat
Pack Size	5 Litres
Shelf Life	18 months from date of manufacture

Chemical Resistance

Epoxy SF Paint is resistant to a wide range of chemicals including:

Distilled water	Hydrocarbon solvents
Salt water	Petrol
Akalies	Diesel oil
Detergents	Vegetable oil
Mineral oil	Animal fats
Hydrocarbon greases	

Epoxy SF Paint is also resistant to splashing of weak mineral acid but is prone to attack on ponding. It is therefore suggested that Epoxy SF Paint only be used where contaminated areas are regularly washed down.



Health & safety

Both Epoxy SF Paint Base and Activator are classed as irritants and the Activator also harmful and corrosive. Avoid contact with the skin and eyes. Splashes to the skin should be removed using soap and water. Should material enter the eyes irrigate with clean water for at least 15 minutes. If irritation persists or skin rash occurs seek medical advice. For further information refer to the Material Safety Data Sheet.

Important

The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as Oxera Repair Products cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability of use. For further information please contact our Technical Department.

