

**TECHNICAL DATA SHEET**  
**EPOCOAT FCH**  
**Self-Leveling Epoxy Floor Coating**

**PRODUCT DESCRIPTION:**

**EPOCOAT FCH** is a two component Epoxy Floor Coating formulated from high-grade resins and curing agents specially for flooring application. It is lead-free and non-toxic when fully cured. It hardens to an abrasive resistant coating, with high abrasive strength on properly prepared substrates such as concrete and steel. **EPOCOAT FCH** is water impermeable and has excellent resistance to oil, solvents, alkalis and most dilute acids.

**CUSTOMER BENEFITS**

- Durable, hard wearing surface with excellent abrasion resistance and adhesion to substrates.
- Easier to clean resulting in low maintenance costs
- Attractive as available in a range of colors to improve the working environment
- Designed for a general maintenance coating where gloss and color retention is desired.

**RECOMMENDED FOR**

- Ideal for floor topping of new and existing flooring of food processing plants, chemicals and pharmaceutical factories, sugar and oil refineries.
- Recommended for installation of anti-skid coatings both indoor and outdoor.
- Production areas
- Patching of deteriorated flooring
- Warehouses
- Gasoline station and others

**INSTRUCTIONS FOR USE**

**Application**

Surfaces must be dry and free from oil, grease and other contaminants. It should be primed with a compatible primer i.e., EPOCOAT PRIMER. It can be applied by brush, roller, and conventional spray or by airless spray equipment.

To paint over a previous coat, it is necessary to sand it lightly to provide a good toehold for the next coat. For steel, it is recommended that steel surfaces be sandblasted.

**Mixing**

Stir thoroughly the base component prior to the addition of the catalyst. Prepare enough materials that can be applied within 20 – 30 minutes. The entire content of the hardener (Part B) should be poured into the base (Part A) container and the two materials mixed thoroughly. The use of slow speed drill fitted with paddle is desirable.

For conventional spraying, EPOXY REDUCER may be added to the mixture. Allow 15 minutes induction time before application.

**PHYSICAL PROPERTIES**

Pot life	20 – 30 minutes
Tack-free time	4 – 6 hours
Curing time	24 hours under normal condition 7 days heavy load & acid resistance property
Electrical conductivity	Nil
Mix Ratio	2 parts resin base 1 part hardener
Chemical resistance	Excellent to oil, solvents, alkalis and dilute acids

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**COVERAGE**

Theoretical coverage for 1 gallon size:

Self leveling : 7.1 m<sup>2</sup> @ 500 microns  
(solid coat)

Trowelled 1/8" thick : 1.7 m<sup>2</sup>  
(with aggregates)

Trowelled ¼" thick : 1.0 m<sup>2</sup>  
(with aggregates)

Note: Since application conditions vary greatly due to substrate porosity, quality of surface preparation, application thickness and wastage. Factors, figures may vary from those shown above.

**PACKAGING**

EPOCOAT FCH is available in 1 gal set.

**STORAGE**

EPOCOAT FCH has a shelf life of one year if stored in a dry cool place unopened.

**HEALTH AND SAFETY**

Keep containers well closely tight. Work areas must be adequately ventilated and avoid prolonged breathing of its vapors and wear gloves to avoid contact with skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Important Note:**

*The information contained in this leaflet is published to the best of our knowledge and is supported by current available data. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. Our guarantee is therefore limited to the quantity of the supplied material.*

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