



east coast flooring

# *ECF Coat HB*

*High-build solvent free epoxy resin coating*

## Product Data Sheet

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### ***DESCRIPTION***

ECF COAT HB is a two-pack solvent free, high build epoxy resin system for application as a heavy duty floor coating at a typical thickness from 200 to 500 microns.

ECF COAT HB provides a coloured gloss finish which is extremely hard wearing and abrasion resistant with good general chemical resistance. Applied by roller and paint brush the product is low odour, producing a sealed, seamless and hygienic floor surface when cured. Anti-slip finishes can be achieved by the inclusion of Bauxite or Aluminium Oxide aggregate.

### ***WHERE TO USE***

ECF COAT HB is suitable for most industrial floors including concrete, sand and cement screeds and certain types of asphalt and provides a hard wearing, decorative, and dust-free finish. Being low odour, ECF COAT HB is ideal for use throughout industry including the food sector where solvent-based products are unacceptable. The chemical and oil resistant properties of ECF COAT HB make the product ideal for engineering units, automotive workshops and factories where a tough cleanable finish is required.

### ***GRADES AVAILABLE***

### ***ECF COAT HB COLOUR***

100% solids solvent-free material designed to be applied at a thickness of approximately 200-250 microns per coat.

### ***ADVANTAGES***

1. High build finish in one application
2. Solvent free
3. Hygienic and easily cleaned
4. Good colour stability
5. Bacteria - free finish
6. Anti-slip and increased abrasion resistance with added aggregate
7. Excellent High Gloss finish
8. No shrinkage on curing
9. Available in a range of colours

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## *PHYSICAL PROPERTIES AT 20°C*

### **Pack Size**

5kg and 15kg units

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### **Solids Content**

100 % solids (HB)

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### **Shelf Life**

12 months

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### **Pot Life**

30 minutes

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### **Tack-free Time**

4 – 8 hours

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### **Hard Film Time**

24-36 hours

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### **Recoating Time**

As soon as the surface tackiness has gone i.e 6 hours onwards.

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### **Coverage Rates**

5kgs. Covers approx 15m<sup>2</sup>

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## **PREPARATION**

New Floors: New concrete must be clean, sound, dry and fully cured and surface laitence removed, preferably by shot blasting, mechanical abrasion or chemical etching.

Existing Floors: Remove all dirt, oil, grease or other surface contaminants, preferably by shot blasting, scarification or mechanical planing, Fats, oils or greases must be removed by mechanical abrasion and detergent washing.

Alternatively, the substrate may be prepared by an acid etch solution such as ECF CHEMETCH. This must be well rinsed from the surface and the surface allowed to dry out. Open, porous substrates may require priming with ECF SEAL WB CLEAR PRIMER. All local repairs should be carried out using ECF PATCH or similar.

## **APPLICATION**

The working temperatures of the areas should not be allowed to fall below 10°C throughout the application and curing period, otherwise the cure of the material will be retarded and surface finish adversely affected.

Mix the entire contents of the base with the hardener thoroughly, using a slow speed electric mixer.

## **MAINTENANCE**

ECF COAT HB can be cleaned with water or with ECF INDUSTRIAL FLOOR CLEANER or other good quality detergents, or just brushed out. CAUTION: Avoid exposure to water above 60°C and steam cleaning.

## **HYGIENE**

ECF COAT HB is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

## **Consult Safety Data Sheet Ref. HSRC**

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by the company is based on the information supplied by the purchaser ECF Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents.