

# *ECF flake*

*Seamless Decorative Resin Floor & wall Finish*

## Product Data Sheet

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### ***DESCRIPTION***

ECF FLAKE seamless surfaces incorporate coloured plastic flakes embedded in a pigmented base coat and sealed with clear, solvent-free resins. The resultant finishes are decorative, easily cleaned and possess a high degree of resistance to chemical attack and hard wear from both impact and abrasion

### **Advantages**

1. Decorative
2. Hard wearing
3. Chemically-resistant
4. Light-fast
5. Contains no volatile solvents
6. Non-dusting

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

A wide range of coloured finishes are available and the system is suitable for application to most surfaces.

ECF FLAKE seamless wall and floor finishes have been widely used in many industrial environments, including computer rooms, shops, breweries, bakeries, car showrooms, and the pharmaceutical industry. Due to their high chemical resistance, RESUFLAKE wall finishes can also provide a high-grade graffiti resistant surface.

ECF FLAKE can be formulated and tailor-made for specific requirements. Please consult our Technical Department.

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## **HEMICAL RESISTANCE**

The chemical resistance of the standard **ECF FLAKE** system is extremely good. Where resistance to specific chemical reagents is involved it is advisable to consult our Technical Department.

## **Preparation And Application**

The substrate (concrete, wood, asphalt, plaster, sand/cement render, etc.) should be sound and free from loose particles, oil, grease and foreign material, etc

## **FLOORS**

Apply one coat of **ECF SEAL W.B. CLEAR PRIMER** at a rate of 5 to 6 sq.metres per kg. When dry apply a coat of **ECF COAT HB** at a rate of 3-4 sq.m. per kg. and whilst wet, apply desired pattern of coloured **FLAKES** and allow to dry. (For total obliteration allow for a rate of approximately 300 to 500 grammes per sq.m. )

Vacuum or brush away loose flakes and check to see the overall pattern is satisfactory. If unsatisfactory, thinly recoat missed areas with **ECF COAT H.B.** and re-sprinkle.

When the whole area is dry, remove all loose flakes, very lightly sand the surface and brush off evenly. Apply 2-3 coats of **ECF PEN W.B. CLEAR** or **ECF GLAZE LF** polyurethane at a coverage rate of approximately 6-7 sq.m. per lt. per coat. The process should be continuous apart from allowing the various coats to dry.

Each coat should be applied in accordance with minimum recoat times and recommended coverage rates to build up the required film thicknesses.

## **WALLS**

Apply one coat of **STERIPRIME PRIMER** at a coverage rate of approx. 5-6 m<sup>2</sup> per litre. Very porous substrates may require two coats. When dry apply a coat of **STERICIDE** co-polymer coating should then be applied at a coverage rate of approximately 4-5 m<sup>2</sup> per litre and Flakes scattered onto the wet surface at a spread rate of approximately 4 m<sup>2</sup> per kg., When dry loose flakes should be brushed off the **STERICIDE**. The surface should then be brushed down and lightly sanded, and then sealed with **ECF PEN W.B.** gloss or matt clear coating or **ECF GLAZE LF**.

Coloured flakes available:- Red, Grey, Yellow and Green.

## **PRODUCT DATA SHEETS USED IN THE RESUFLAKE SYSTEMS**

STERICIDE  
STERIPRIME  
ECF SEAL CLEAR  
ECF COAT HB  
ECF GLAZE LF  
ECF PEN WB

## **HYGIENE**

**ECF FLAKE** is formulated from materials, which are designed to achieve the highest levels 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 spillage's or skin contamination should be cleared as soon as possible by dry wiping the affected area and then thoroughly washing with soap and water.

The information given in this data sheet is derived from tests and experience with the product 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.

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