

## Flowseal EPW (Floor Sealer)



### Description

Flowseal EPW is a pigmented, water-based, epoxy floor sealer with a satin finish.

### Typical Uses

Flowseal EPW is suitable for use in food process areas, kitchens, light industrial areas, storerooms and areas of pedestrian and light traffic.

### Benefits

- Hygienic
- Vapour permeable; allows substrate to breath
- Can be applied to damp substrates such as green concrete
- Enhances appearance of working environment
- Solvent free; Low odour
- Easy to clean and maintain

### Standard Colour Chart



The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match.

### Project References

CNAC Dragonair Building; Hong Kong Science Park; B.Foods, Thaifoods International; Bellings; SMIC Shanghai; Glaxo Wellcome Pharmaceutical; KFC Holdings (M) Bhd.

### System Design



## Model Specification

Product: Flowseal EPW  
Finish: Satin  
Thickness: 0.20 mm Dry Film Thickness (2 coats)  
Colour: \_\_\_\_\_  
Manufacturer: Flowcrete India Pvt Ltd  
Telephone: Customer Service - +91 44 4202 9831  
Preparatory work and application in accordance with manufacturer's instructions.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/ mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be surface dry to 95% RH as per BS8204 and free from rising damp and ground water pressure.

## Products Included in this System

Flowseal EPW  
For actual coverage rates, refer to the appropriate project specification.

Detailed application instructions are available upon request.

## Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site at [www.flowcrete.in](http://www.flowcrete.in).

## Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Focus on the Floorzone

Flowcrete India Pvt Ltd is a division of the Flowcrete Group, world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Fire Resistance BS476-7:1987 **Class 1**  
Surface spread of flame

Slip Resistance TRRL Pendulum Slip Test  
**Dry >40 Wet depends on specification**

Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Temperature Resistance **Tolerant up to 60 °C**  
Vapour Permeability ASTM:E96:90 **20g/m<sup>2</sup>/mm/24hr**  
Surface Hardness **182secs.**  
Koenig Hardness Test

Chemical Resistance Contact Technical Department  
Bond Strength Greater than cohesive strength of 25 N/mm<sup>2</sup> concrete. **>1.5 MPa.**

## Speed of Cure

	10°C	20°C	30°C
Light traffic	24 hrs	12 hrs	8 hrs
Full traffic	36 hrs	24 hrs	16 hrs
Full chemical cure	14 days	7 days	6 days

Low relative humidity and good ventilation are pre-requisites to achieving the above drying times.

## Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

## Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.