

## Flowseal EPW



### Description

Coloured semi-gloss water based epoxy coating system.

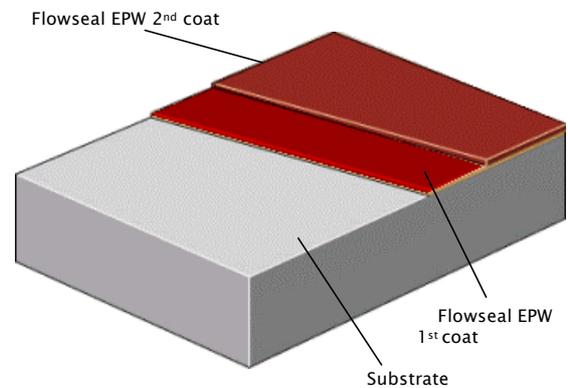
### Uses

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

### Benefits

- Hygienic and scrub resistant.
- Vapour permeable – allows floors to breath.
- Can be applied to damp substrates (i.e. green concrete).
- Cost effective.
- Easy to apply with roller or spray equipment.
- Enhances appearance of working environment.
- Solvent free.
- Low odour.
- Compatible with cement for scraper coats.

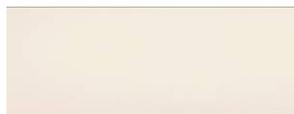
### System Design



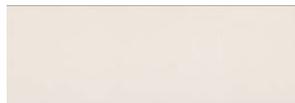
### Standard Colour Chart



Cream



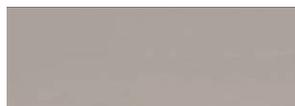
Off White



Polar Mist



Light Grey



Mid Grey



Light Blue

The applied colours will differ slightly from the examples shown above, due to printing variations. Contact our customer services for a true colour sample or a special colour match.

### Model Specification

Product: Flowseal EPW  
Finish: Semi gloss/satin  
Thickness: 0.12 mm dry film thickness in 2 coats  
Colour: Various (as per colour chart)  
Manufacturer: Flowcrete SA (Pty) Ltd  
Telephone : Customer Service +27(0)31 461 3411

### Preparatory work and application in accordance with supplier'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.

### Products Included in this System

Flowseal EPW Epoxy + Hardener

### Detailed application instructions are available upon request.

### Installation Service

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

### 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 manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

### Focus on the Floor-zone

Flowcrete South Africa are leaders in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

### Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.

### Technical Information

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

Mix Ratio: 4:1  
Pot Life: 45 min  
Thermal Resistance: BS476: Part 7  
Class 1 Surface spread of flame  
Slip Resistance: TRRL Pendulum Slip test  
Dry 70 Wet 40  
Thermal Resistance: Tolerant up to 70 °C  
Vapour Permeability: ASTM: E96: 90  
20g / m<sup>2</sup> / mm / 24hrs  
Surface Hardness: 182 seconds  
Koenig Hardness test  
Chemical Resistance: Go to [www.flowcrete.com](http://www.flowcrete.com)  
Abrasion Resistance: Taber Abrader: 15 mg loss per  
1000 cycles  
(1kg load using CS17 wheels)  
BS8204: Part 2 Class AR3  
Bond Strength: Greater than cohesive strength  
of 25N/mm<sup>2</sup> concrete > 1.5mPa

### Speed of Cure

	10°C	20°C	30°C
Light traffic	24hrs	12hrs	8hrs
Full traffic	36hrs	24hrs	16hrs
Full chemical cure	14 days	7 days	5 days

### Aftercare - Cleaning and Maintenance

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

### 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.

### 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.