

## Flowseal EPW



### Description

Coloured gloss finish water based hygienic floorseal.

### 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
- Vapour permeable – allows floors to breath
- Can be applied to damp substrates
- Cost effective
- Easy to apply
- Enhances appearance of working environment
- Solvent free
- Low odour.

### Project References

GlaxoSmithKline, Gate Gourmet, ASDA, Convatec, Beaconsfield Footwear, Widnes Films.

### Standard colour chart



Goosewing Grey 222



Beige 326



Mid Grey 280



Emerald Green 740



Yellow Grey 217



Yellow 340



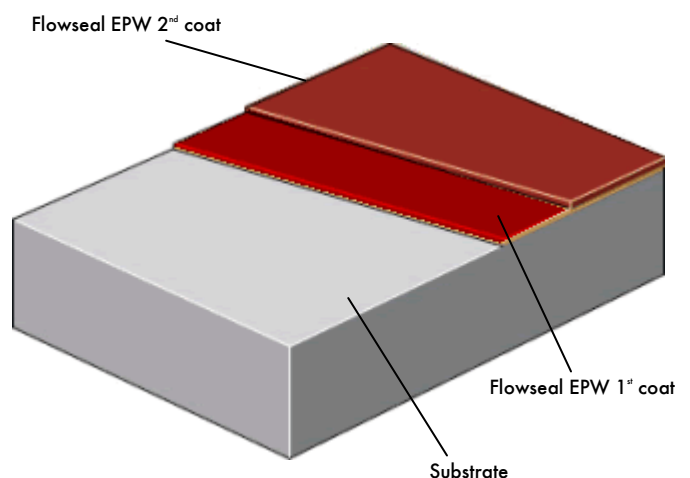
Tile Red 637



Sky Blue 452

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. Special corporate colours and designs can be produced to special order.

### System Design



## Model Specification

Product: Flowseal EPW

Finish: Gloss

Thickness: 0.12 mm dry film thickness

Colour: \_\_\_\_\_

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete UK Ltd

Telephone: Customer Service - +44 (0)1270 753000

## 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 (density = 1.3 kg/l)

1<sup>st</sup> coat: Flowseal EPW 0.15 kg/m<sup>2</sup> \* } Typical values

2<sup>nd</sup> coat: Flowseal EPW 0.1 kg/m<sup>2</sup> \* }

\* Application and coverage rates are assisted by the addition of water up to 10% by volume.

Non-slip finishes:

Various grades of aluminium oxide, glass spheres or silicon carbide can be incorporated to provide a textured surface.

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.flowcrete.com](http://www.flowcrete.com)

## 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 Floorzone

Flowcrete Group plc are 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, tank lining systems... to name just a few.

Our objective is to satisfy your Floorzone needs.

## Technical Information

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

Fire Resistance	BS 476:Part 7 Class 1 Surface spread of flame.
Slip Resistance	TRRL Pendulum Slip Test Dry 70 Wet 40
Temperature Resistance	Tolerant up to 70 °C
Vapour Permeability	ASTM:E96:90 - 20g / m <sup>2</sup> / mm / 24 hr
Surface Hardness	182 secs. Koenig Hardness Test
Chemical Resistance	Go to <a href="http://www.flowcrete.com">www.flowcrete.com</a>
Abrasion Resistance	Taber Abrader: 15 mg loss per 1000 cycles (1kg load using CS17 wheels) BS 8204:Part 2 Class AR3
Bond Strength	Greater than cohesive strength of 25N/mm <sup>2</sup> concrete. >1.5 MPa.

Complies with BS 8204-6/FeRFA type 1.

## 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	5 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.

## Life Expectancy

2 years, subject to correct maintenance regime.

## 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.