

## Flowseal EPW (0.12mm)

A pigmented and vapour permeable water-based epoxy resin coating for use on floors, walls and ceilings.



### Hygienic Finish:

Seamless, non-porous coating.



### Vapour Permeable:

Fully breathable and can be installed onto damp substrates or green concrete.



### Easily Mixed and Applied:

Easily mixed and applied using a roller on horizontal and vertical surfaces.



### Chemical Resistance:

Provides excellent resistance to light chemical attack and spillage.



### Easily Cleaned:

Suitable for hot water wash and wipedowns.



Cream

Off White

Polar Mist



Light Grey

Mid Grey

Light Blue



Clear

The applied colours may differ from the examples shown.  
For a full colour chart and samples, contact your regional Flowcrete office.

## Technical Profile

### MIX RATIO

4:1

### POT LIFE

45 minutes

### THERMAL RESISTANCE

BS476: Part 7

Class 1

### VAPOUR PERMEABILITY

ASTM: E96:90

20g/m<sup>2</sup>/mm/24hrs

### SURFACE HARDNESS

Koenig Hardness Test

182 seconds

### ABRASION RESISTANCE

Taber Abrader

15mg loss per 1000 cycles  
(1kg load using CS17  
wheels)

BS8204

Part 2 Class AR3

### BOND STRENGTH

> 1.5mPa\*

### VOC EMISSIONS

USEPA Method 24

26g/L

### 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

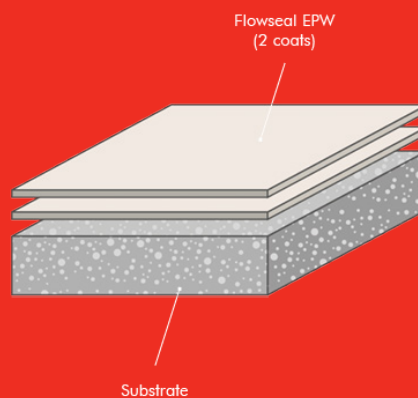
Full Chemical Cure

14 days

7 days

5 days

\*Assumes concrete compressive strength is greater than 25 N/mm<sup>2</sup>



\*\*Cure times at temperatures between 0–30 °C can be achieved by altering the quantity of catalyst used.  
For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

## Model Specification

<b>System</b>	Flowseal EPW
<b>Finish</b>	Semi gloss / satin
<b>Thickness</b>	0.12mm dry film thickness in 2 coats
<b>Colour</b>	See standard colour chart
<b>Manufacturer</b>	Flowcrete SA (Pty) Ltd

Preparatory work and application in accordance with manufacturer's instructions.

## Products Included In This System

<b>Primer</b>	Flowseal EPW Clear
<b>Top Coat</b>	Flowseal EPW (2 coats)

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8204.

## Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete office. Detailed application instructions are available upon request.

## Aftercare, Cleaning & Maintenance

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

## 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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

## Focus on the Floorzone

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

## Warranty

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.

[20/04/18]