

## Flowseal EPW Clear

### Product sheet

#### Product description

Flowseal EPW is a 2-component water soluble epoxy sealer with high coverage.

#### Uses

Flowseal EPW is used to paint and seal new and old concrete floors where there are requirements for dust-free, easy-to-clean floors with improved resistance to chemicals and wearing strength. In addition, it can also act as a topcoat for flakes coating systems.

#### Environment & Health

Flowseal EPW is solvent-free and practically odourless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components.

#### Ratio of components

2.1 parts of component A is mixed with 1 part of component B, by weight.

2.1 parts of component A is mixed with 1 part of component B, by volume.

30% water by weight of the unit (A+B) **must** be added to the mixed product for priming and dust binding.

10% water by weight of the unit (A+B) **must** be added to the mixed product for use as a topcoat.

**Note:** Once diluted, do **not** add further quantities of water.

Add all of Hardener B to Base A, then add the water.

Mix with a slow speed drill and helical spinner, taking care not to entrain air.

#### Application temperature/humidity

The recommended substrate temperature is 15-25°C, but no less than 10°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening.

#### Consumption of Materials

Approximately 0.3 kg/m<sup>2</sup> per layer for dust-binding and approximately 0.1 kg/m<sup>2</sup> per layer when used as a topcoat.

#### Application time/pot life

Ready-mixed product should be used within 90 minutes at a temperature of 20°C.

At higher temperatures the application time is shorter.

#### Curing time (at 20°C)

Can be overcoated after 16 hours

Can be walked on after 16 hours

Maximum overcoat time 24 hours

Low relative humidity, maximum 70 %, and good ventilation are prerequisites to achieve the above drying times. The product is fully hardened after 5-7 days.

Do not cover within first 16 hours of curing.

**Colours**

Clear

**Solids content**

Approx. 45%

**Finish**

Gloss.

**Density**

Component A approx. 1.08 kg/l.

Component B approx. 1.05 kg/l.

A+B approx. 1.06 kg/l.

**Storage**

12 months in unopened pack at a temperature of 5-40°C.

**Packaging**

The product is delivered A+B in the following packs.

Unit	Base A	Hardener B
7.4 kg (6.9 litres)	5.0 kg	2.4 kg

*Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.*