

## Flowprime Oil Tolerant EP

### Product sheet

#### Product description

A 2-component low viscosity epoxy resin primer for cementitious substrates.

#### Uses

Flowprime Oil Tolerant EP promotes adhesion prior to coating, over cleaned concrete floors and screed where traces of residual oil (mineral or vegetable) contamination are present. It can be also applied to new concrete surfaces which have been allowed to fully cure.

#### Preparation

Ensure the surface to be painted is integrally sound, clean, dry and free from grease or any substance liable to give adhesion problems. Scrape off any old or flaking paint until you have a firm surface. Special attention should be given to areas under cars to ensure all Professional Oil, grease, dirt and road salt is removed.

#### Environment & Health

Flowprime Oil Tolerant EP is virtually solvent free and Nonyl Phenol free product, 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

2.3 parts of component A are mixed with 1 part of component B, by weight.

**Note.** Do not split or mix part units

Stir Base A thoroughly and then add all of Hardener B. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Apply with a brush, squeegee or roller, working the primer into any surface imperfections. If necessary use a spike roller (within 20 minutes) to aid air release.

Reasonably low profiled surfaces can usually be treated with one full coat of Flowprime Oil Tolerant EP applied a  $0.2 \text{ kg/m}^2$ . Porous or uneven surfaces more material; rough or undulating surfaces must receive at least two coats of Flowprime Oil Tolerant EP to ensure high spots are fully protected.

**Note.** it is essential that absorbent and profiled substrates are soaked until saturation. multiple layers of primer may be needed. A continuous closed primer film must be achieved on the surface of the substrate.

### Application temperature

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. Temperatures should not fall below 5°C in the 24hrs after application.

**Note.** Best results are achieved in warm (15°C), dry conditions with good ventilation. Lower temperatures and higher humidity will prolong the drying times.

### Application time/pot life

Ready-mixed product must be used within 20 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.

Maximum overcoat time 48 hours.

The product is fully hardened after 5 - 7 days.

High humidity in early stages of cure can result in white, matt surfaces (blooming).

### Colour

Transparent

### Density

Component A approx. 1.1 kg/litre.

Component B approx. 1.0 kg/litre.

A+B approx. 1.1 kg/l.

### Storage

12 months in unopened pack.

Storage temperature between 5°C and 40°C.

Protect from weather and moisture/contaminant ingress.

### Packaging

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

Unit	Flowprime Oil Tolerant EP Base A	Flowprime Oil Tolerant EP Hardener B
5.49 kg (5 litres)	3.84 kg	1.65 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.*