



## **Flowprime**

### **Product sheet**

#### **Product Description**

Flowprime is a 2-component, low viscosity, 100% solids, epoxy primer for cementitious substrates.

#### **Uses**

For priming of concrete, prior to overcoating industrial and commercial epoxy systems.

#### **Environment & Health**

Flowprime is a solvent and Nonyl Phenol free product, and practically odorless 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 parts of component A are mixed with 1 part of component B, by volume.

Add Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air.

#### **Application Temperature**

The recommended substrate temperature is 60 - 80°F, but no less than 50°F.

The temperature of the substrate should exceed the "dew point" by 5°F during application and hardening.

Temperatures should not fall below 40°F in the 24hrs after application.

#### **Application Time/Pot Life**

Ready-mixed product should be used within 40 minutes at a temperature of 70°F.

At higher temperatures the application time is shorter.

#### **Curing Time** (at 70°F)

Can be overcoated after 12 hours.

Maximum overcoat time 24 hours.

The product is fully hardened after 5 - 7 days.

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

Resin mortars can be applied into wet or tacky primer or, if they are to be applied onto a tack free primer, a sand scatter should be applied to ensure the mortar does not slip during compaction.

**Color**

Transparent

**Solids Content**

Approx. 100 %

**Finish**

Gloss

**VOC**

12 g/l

**Application rate**

Approximately 175 to 225 sq feet/gallon.

\*Coverages listed are theoretical, actual coverages may vary based on substrate and site variations.

**Density**

A+B approx. 1.12 kg/l

**Storage**

12 months in unopened pack.

Storage temperature between 40°F and 100°F.

Protect from weather and moisture / contaminant ingress.

**Packaging**

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

Unit	Base A	Hardener B
3 Gallons	2 Gallons	1 Gallon

**Physical Properties**

Property	Result	Test Method
Compressive Strength	>11,600 psi	ASTM C579
Flexural Strength	> 8,700 psi	ASTM C580
Tensile Strength	>7,175 psi	ASTM C307

**Further Information**

If you would like additional information please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a Flowcrete flooring system.

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