

Flowfresh Primer

Product sheet

Product description

A 3-component, water-based, polyurethane primer for concrete and cementitious substrates. Flowfresh Primer will bond to surface dry substrates that have a Relative Humidity up to 97% (to BS 8204).

Uses

For priming concrete and screeds, prior to overcoating with the Flowfresh or Flowcrete ranges of polyurethane concrete toppings (e.g. MF, RT & HF). For porous floors a second coat is required, allow the first coat to become tack free before applying the second coat. A light sand scatter (0.5 kg/m^2) may be applied to ensure a mortar topping does not slip during compaction. Flowfresh Primer is particularly suited to areas where high heat resistance is essential.

Environment & Health

Flowfresh Primer is a solvent free product. 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

1.9 parts of component A are mixed with 1.8 parts of component B, and 1 part of component C by weight.

Add all of Hardener B to Base A, mix for 30 seconds before adding Filler C. Ensure that all Filler C is mixed in from the sides of the container. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Application temperature

The recommended material and substrate temperature is 15 - 25°C, but no less than 5°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.

Application time/pot life

Ready-mixed product should be used within 20 minutes at a temperature of 20°C. At higher temperatures (and if left in the bucket) the application time is shorter. Decant mixed product into smaller quantities if applying small/detailed areas.

Curing time (at 20°C)

Can be overcoated after 15 hours.
Can be walked on after 10 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 or wash within the first 16 hours of curing.

Colours

Natural

Solids content

Approx. 88 %

Density

Component A approx. 1.0 kg/litre.
Component B approx. 1.25 kg/litre.
Component C approx. 2.3 kg/litre.
A+B+C approx. 1.4 kg/l.

Storage

Storage temperature between 5°C and 40°C. Protect from frost.
12 months in unopened pack for Components A and B.
6 months in unopened pack for Component C.
Protect from weather and moisture/contaminant ingress.

Packaging

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

Unit		Base A	Hardener B	Filler C
6.0 kg	(4.3 litres)	2.4 kg	2.3 kg	1.3 kg

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