

Flowfresh MF (3-4mm)

Product sheet

Product description

Flowfresh MF is a 4-component, water-based, polyurethane, coloured coating for concrete and cementitious substrates. Flowfresh Coating will bond to surface dry substrates that have a relative humidity up to 95% (to BS 8204). The product contains Polygiene, an antimicrobial additive based on silver ion technology.

Uses

Flowfresh MF is recommended for wet processing zones such as food manufacturing, food processing, and any other areas where high performance is required.

Environment & Health

Flowfresh MF 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

The product is supplied in full units as A+B+C+E. Do not split the components as this may jeopardise the end result.

Add the Pigment E to Base A. Mix with slow speed drill and helical spinner for 30 seconds, taking care not to entrain air. Then add the Hardener B, mix for 30 seconds followed by the Fillers C, mix using a slow speed drill and helical spinner for 90 seconds until a homogenous mixture is obtained, taking care not to entrain air.

Application temperature

The recommended material and substrate temperature is 15 - 35°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.

Application time/pot life

Ready-mixed product should be used within 10 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 walked on after 16 hours.

Light traffic after 24 hours.

Heavy traffic after 48 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 36 hours of curing.

Colours

See the system data sheet for Flowfresh RT

Solids content

Approx. 90 %

Density

A+B+C+E approx. 1.97 kg/litre

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.

Packaging

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

Unit	Flowfresh MF Base A	Flowfresh MF Hardener B	Flowfresh MF Filler C	Flowfresh MF Pigment E
20 kg	2.882 kg	3 kg	13.938 kg	0.18 kg

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