

Flowfresh Coating Conductive

Product sheet

Product description

A 3-component, water-based, polyurethane, conductive coating.
Contains Polygiene, an antimicrobial additive based on silver ion technology.

Uses

Flowfresh Coating Conductive is used as a conductive topcoat for Flowfresh ESD SR systems.

Environment & Health

Flowfresh Coating Conductive 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

1.2 parts of component A are mixed with 1 part of component B, and 1.2 parts of component C by weight.
The product is supplied as A+B+C. **Do not** split the compounds/components as this may jeopardise the end result.

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 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 15 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 16 hours.

Can be walked on after 16 hours.

Maximum overcoat time 24 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 3-5 days.

Do not cover or wash within the first 36 hours of curing.

Colours

Black only.

Finish

Initially the product will produce a matt finish, which will become satin when trafficked.

Solids content

Approx. 90 %

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. 1.5 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	Flowfresh Coating Conductive Base A	Coating/Grout/Cove Hardener B	Flowfresh/Flowcrete Coating Filler C
4.0 kg (2.7 litres)	1.4 kg	1.2 kg	1.4 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.