

Flowcem

Product sheet

Product description

A three component, technically advanced, epoxy modified cementitious, self-smoothing screed. Acts as a surface damp proof underlayment. A vertical grade is also available (Flowcem V).

Uses

Allows installation of moisture sensitive floor finishes onto concrete and cementitious screeds which have a moisture content of up to 100% Relative Humidity (surface dry) to BS 8204. Also helps to reduce the surface profile of the substrate.

Environment & Health

Flowcem is solvent and nonylphenol free 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

The product is supplied in full units 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 and mix. Add Filler C and mix for a further 3 minutes to activate the flow additive. Ensure that all Filler C is mixed in from the sides of the container and fully dispersed throughout the mix. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Application temperature and humidity

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. The ambient humidity during application and cure must not exceed 85% RH.

Application time/pot life

Ready-mixed product should 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 walked on after 16 hours.
Can be overcoated after 48 hours.
The product is fully hardened after 5 - 7 days.

Colour

Grey

Solids content

Approx. 85 %

Density

Component A approx. 1.1 kg/l
Component B approx. 1.0 kg/l
A+B+C approx. 2.1 kg/l.

Storage

Storage temperature between 5°C and 40°C.
12 months in unopened packs for Components A and B.

Protect from weather and moisture / contaminant ingress.

Packaging

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

Flowcem

| Unit | Flowcem Base A | Flowcem Hardener B | Flowcem Filler C |
|-----------------------|-------------------|-----------------------|---------------------|
| 30.3 kg (14.3 litres) | 1.8 kg | 3.7 kg | 24.8 kg |

Flowcem V

| Unit | Flowcem Base A | Flowcem Hardener B | Flowcem V Filler C |
|---------------------|-------------------|-----------------------|-----------------------|
| 30 kg (14.1 litres) | 1.8 kg | 3.7 kg | 24.5 kg |

CE Mark – see the Declaration of Performance for details.

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.

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