

Flowcrete HF (new)

Product sheet

Product description

A 4-component, solvent-free, polyurethane concrete screed product. There is no antimicrobial agent in this product.

Uses

A heavy duty, hard wearing floor finish with exceptional chemical resistance and a textured surface.

Note: Flowcrete HF (new) has no white fleck - distinct difference in appearance to Flowcrete HF variant.

Environment & Health

Flowcrete HF (new) is solvent free but contains some hazardous ingredients. 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.

Mixing

The Base and Hardener components are available pre-weighed and also in bulk format, which may be decanted on site to the prescribed weights. The Filler components are supplied pre-weighed to suit a full unit/mix. Do not split the compound/component as this may jeopardise the end result.

Add all of Hardener B to Base A and mix for 30 seconds before adding Filler C and Filler D (immediately after). Ensure that all Fillers are mixed in from the sides of the container and mix for 3 minutes to ensure consistency of colour and ultimate application fluidity. Mix with a forced action mixer (e.g. Creteangle or Pennine), taking care not to entrain air.

Application temperature

The recommended substrate and material 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 24 hrs after application.

Application time/pot life

Ready-mixed product should be used within 10 minutes at a temperature of 20°C. At higher temperatures the application time is shorter.

Curing time (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.

The product is fully hardened after 3-5 days.

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

Colours

See the system datasheet for Flowcrete HF.

Note: **Mid Grey (new)** and **Cream (new)** are now supplied with **1 kg** pigment packs.
All other standard colours and previous versions of Mid Grey and Cream are supplied with 0.5 kg pigment packs.

Finish

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

Density

Flowcrete HF (new) (A+B+C+D) Approx. 2.1 kg/litre.

Storage

Storage temperature between 5°C and 40°C. Protect from weather and moisture / contaminant ingress. Protect from extreme fluctuations in temperature, which could cause condensation in the Filler C bag and result in hardening of the cement component (lumps).
Shelf life is 6 months for Filler C and 12 months for all other components in unopened pack, when stored in dry conditions.

Packaging

Flowcrete HF (new) is delivered in the following packs:

| Unit | Flowfresh/Flowcrete Multipack Base A | Flowfresh/Flowcrete Multipack (10-25) Hardener B | Flowcrete HF (new) Filler C | Flowfresh/Flowcrete Multipack Colour Filler D |
|------|--|--|--------------------------------|---|
|------|--|--|--------------------------------|---|

For Mid Grey (new) and Cream (new) :-

| | | | | |
|---------------------------------|------------------------|----------------------|-------------------------|-------------------------------|
| 31.0 kg (14.4 litres) | 2.4 kg (2.4 litres) | 2.5 kg (2 litres) | 25.1 kg (9.6 litres) | 1.0 kg (0.4 litres) |
|---------------------------------|------------------------|----------------------|-------------------------|-------------------------------|

For all other standard colours :-

| | | | | |
|---------------------------------|------------------------|----------------------|-------------------------|-------------------------------|
| 30.5 kg (14.2 litres) | 2.4 kg (2.4 litres) | 2.5 kg (2 litres) | 25.1 kg (9.6 litres) | 0.5 kg (0.2 litres) |
|---------------------------------|------------------------|----------------------|-------------------------|-------------------------------|

CE Marking - 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.