

Flowtex F1 Mortar

Product sheet

Product description

A 3 component epoxy mortar/screed.

Uses

Repair to damaged floors, to form coved skirtings, joint arises or as a thin layer topping underlayment for Flowcrete epoxy resin finishes.

Maximum thickness is 40 mm, feathering down to 1 mm.

Prime with Flowprime (or Peran STC) – use Peran TCW for vertical surfaces.

Environment & Health

Flowtex F1 Mortar is a solvent and Nonylphenol free product, and practically odourless.

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, available from Flowcrete on request and sent with each delivery.

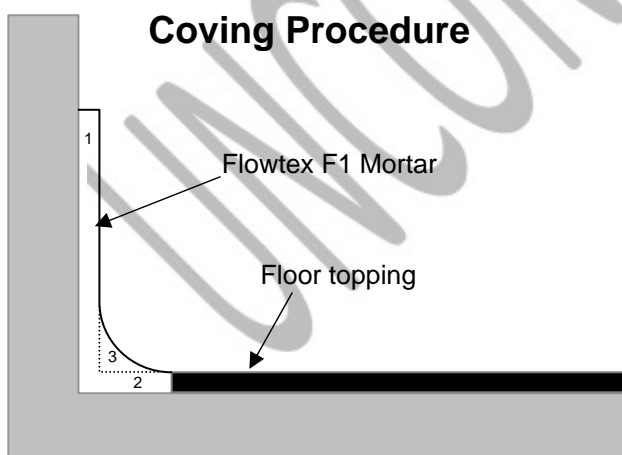
Ratio of components

2.4 parts of component A are mixed with 1 part of component B, and 23.9 parts of component C by weight. The product is supplied in full units as A+B+C.

Do not split the components as this may jeopardise the end result.

Add Hardener B to Base A container. Mix with a slow speed drill and helical spinner head for 2 minutes. Transfer mix to forced action mixer (e.g. Creteangle) and add Filler C. Mix to a homogeneous consistency. Take care not to entrain air.

Immediately after mixing, place on the wet/tacky primer and spread out to give a uniform coverage. Use a steel bladed trowel to finish.



Coving Application (at 20°C)

1. Immediately after mixing, form the vertical edge of the cove.
2. Lay the base level with the edge of the floor finish.
3. Place a fillet of mortar and form the curved section of the cove with a coving trowel.

After approximately 45 minutes, finish the surface to remove any blemishes. If necessary, lightly brush with a paint brush damped with Flowsolve Thinners to give a smoother surface.

Application temperature

The recommended 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 24 hrs after application.

Application time/pot life

Mixed product should be used within 45 minutes at a temperature of 20°C. At higher temperatures the application time is shorter.

Curing time (20°C)

Can be walked on after 24 hours.

Full traffic after 36 hours.

The product is fully hardened after 5-7 days.

High humidity in the early stages of cure can result in white, matt surfaces (blooming).

Do not cover or wash within the first 24 hours of curing.

Overcoating or Sealing

Flowtex F1 Mortar should be overcoated within 24 hours in accordance with the relevant Application Data.

If no further topping is to be applied, allow the F1 Mortar to cure overnight before sealing with 2 coats of Peran TCW.

Colours

Natural.

Solids content

Approx. 100 %

Density

Component A approx. 1.2 kg/l.

Component B approx. 1.0 kg/l.

A+B+C approx. 1.8 kg/l.

Storage

12 months in unopened pack at a temperature of 5-40°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
30 kgs (16.7 litres)	2.6 kg	1.1 kg	26.3 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.