

Flowtex PT

Product sheet

Product description

Flowtex PT is four component, heavy-duty, epoxy underlayment/ screed.

Uses

Flowtex PT may be used as a heavy duty underlayment for a variety of chemical resistant and hard wearing floor toppings in wet and dry industrial, commercial and institutional floors subject to high traffic, impact and chemical spills. The applied product may be finished by hand or power trowel.

Environment & Health

Flowtex PT 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.

Ratio of components

The product is supplied in pre-packed or bulk format.

Recommended mix design:	Peran STC Base A	Peran STC Hardener B	Flowtex PT Filler C	Flowfresh/Flowcrete Multipack Filler D (powder pigment)
27.9 kg (14 litres)	1.6 kg	0.8 kg	25 kg	0.5 kg

Decant Base A to a suitably sized mixing vessel. Add all of Hardener B to Base A and mix until homogenous with slow speed drill and helical spinner, taking care not to entrain air (or in forced action mixer if it is small enough to ensure the liquids are thoroughly combined). Transfer mixture to a forced action mixer (e.g. Creteangle or Pennine) and add the powder pigment then Filler C components whilst mixing. Ensure that all the fillers are mixed in from the sides of the container and continue mixing until all the resin is fully dispersed throughout the mix, leaving no dry spots.

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

Ready-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.

Colours

See the Flowtex PT System data sheet.

Solids content

Approx. 100 %.

Finish

Dependent on the choice of topping.

Density

Component A approx. 1.2 kg/l.

Component B approx. 1.0 kg/l.

A+B+C+D approx. 2.0 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+Pigment in the following packs:-

Peran STC

Unit		Base A	Hardener B
2.4 kg	(2.2 litres)	1.6 kg	0.8 kg
12 kg	(10.9 litres)	8 kg	4 kg
144 kg	(130.9 litres)	96 kg	48 kg
900 kg	(817.5 litres)	600 kg	300 kg
1500 kg	(1304 litres)	1000 kg	500 kg

Flowtex PT Filler C

25 kg

Flowfresh/Flowcrete Multipack Filler D

0.5 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.

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