

Peran STC

Product sheet

Product description

Peran STC is a 2-component, epoxy-based, clear resin system. The product has good resistance to light, good durability to early contact with water (24 hours @ 20°C), and a high resistance to chemicals. Peran STC is completely crystallisation-free.

Uses

Peran STC is used as a primer, binder and topcoat, primarily in systems with decorative aggregates and flakes.

Environment & Health

Peran STC is a solvent and nonylphenol free product, 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

2 parts of component A are mixed with 1 part of component B, by weight.
1.7 parts of component A are mixed with 1 part of component B, by volume.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air.

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 30 minutes at a temperature of 20°C. At higher temperatures the application time is shorter.

Curing time (at 20°C)

Can be overcoated after 15 hours.

Can be walked on after 15 hours.

Maximum overcoat time 24 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 16 hours of curing.

Colours

Clear

Solids content

Approx. 100 %

Finish

Gloss

Density

Component A approx. 1.16 kg/l

Component B approx. 1.01 kg/l

A+B approx. 1.10 kg/l.

Storage

12 months in unopened pack.

Storage temperature between 5 and 40°C.

Protect from weather and moisture/contaminant ingress.

Packaging

The product is delivered A+B in the following packs:

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

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.