

## Flowshield SL (new)

### Product sheet

#### Product description

Flowshield SL (new) is a self-smoothing, coloured 3-component epoxy-based floor coating.

Flowshield SL (old) should be ordered for projects where colour continuity may be a concern.

#### Uses

Flowshield SL (new) is used to protect concrete where requirements have been set for improved durability to withstand both mechanical and chemical stress. The finished surface becomes smooth, impermeable, and easy to clean. Flowshield SL (new) is a self-levelling system applied in coats of 2 - 3 mm.

#### Environment & Health

Flowshield SL (new) 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

3.3 parts of component A are mixed with 1 part of component B, and 5.6 parts of component C by weight.

2.4 parts of component A are mixed with 1 part of component B, and 2.2 parts of component C by volume.

Add all of Hardener B to Base A and mix before adding Filler C. 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

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 18°C.

At higher temperatures the application time is shorter.

#### Curing time (18°C)

Can be walked on after 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 24 hours of curing.

#### Colours

See the System data sheet, Flowshield SL.

### Solids content

Approx. 100 %

### Finish

Gloss

### Density

Component A approx. 1.46 kg/l.  
Component B approx. 1.05 kg/l.  
Component C approx. 2.65 kg/l.  
A+B approx. 1.33 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	Peran/Flowshield SL (new) Base A	SL/TL/SF41/Flowshield Quartz Hardener B	Flowshield SL (new) Filler C
26.6 kg (14.8 litres)	8.9 kg	2.7 kg	15.0 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.*