

Flowseal LS (new)

(Formally known as Flowseal PU Gloss (103))

Product sheet

Product description

A 2-component, clear, gloss, UV light stable, polyurethane sealer.

Uses

Flowseal LS (new) is used as a sealer, primarily in systems with decorative aggregates and flakes (e.g. Peran STB and Peran Flake systems), to give a high gloss, scratch resistant finish.

Environment & Health

Flowseal LS (new) contains solvent, ensure adequate ventilation. 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.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air. Flowseal LS (new) must be distributed evenly in consistent layer thickness, not exceeding 100µ, to ensure a glossy and bubble-free finish. Use a paint tray, high quality fluff-free roller and finish within five minutes of applying to the floor.

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 24hrs 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)

Tack free after 8 hours, can be overcoated after 16 hours.
Can be walked on after 16 hours.
Maximum overcoat time 24 hours
The product is fully hardened after 5 - 7 days.

Good ventilation and the correct humidity are prerequisites to achieve the above drying times. Ambient humidity should be between 30 and 80% RH during application and cure. 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.

Colour

Clear

Solids content

Approx. 52% (by weight)

Finish

Gloss

Density

Component A approx. 1.1 kg/litre.

Component B approx. 1.1 kg/litre.

A+B approx. 1.1 kg/l.

Storage

12 months in unopened pack.

Storage temperature between 5°C and 30°C.

Protect from weather and moisture/contaminant ingress.

Packaging

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

Unit		Base A	Hardener B
5 kg	(4.5 litres)	3.3 kg	1.7 kg

CE Mark – for details see the Declaration of Performance.

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