

Flowshield SL

Product Description

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

Uses

Flowshield SL 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 is a self-levelling system applied in coats of 2 - 3 mm.

Environment & Health

Flowshield SL 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

The product is supplied in full units as A+B+C. Do not split the components as this may jeopardize the end result.

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 10-35°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.

Cure 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 for Flowshield SL

Finish

Gloss

Solids Content

Approx. 100%

Density

Component A approx. 1.46 kg/litre

Component B approx. 0.953 kg/litre

Component C approx. 2.65 kg/litre

A+B+C approx. 1.9 kg/litre

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
20 kg	(11.1 litres)	9.501 kg	1.928 kg	8.571 kg

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