

Flowshield SK

Product sheet

Product description

Flowcoat/Flowshield SK Hardener B is used with Flowshield SL Base A and Filler C to provide Flowshield SK, a self-smoothing, coloured 3-component epoxy-based floor coating with excellent resistance to hydraulic fluids.

Uses

Flowshield SK is used to protect concrete where requirements have been set for improved durability to withstand both mechanical and chemical stress where excellent resistance to hydraulic fluids is required. The finished surface becomes smooth, impermeable, and easy to clean. Flowshield SK is a self-levelling system applied in coats of 2 - 3 mm. Typical uses are aircraft hangers, aircraft parking areas, workshops etc.

Environment & Health

Flowshield SK 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

2.8 parts of component A are mixed with 1 part of component B, and 4.4 parts of component C by weight.

Add all of Flowcoat/Flowshield SK Hardener B to Flowshield SL Base A and mix before adding Flowshield SL Filler C. Ensure that all the 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. 1.00 kg/l.

Component C approx. 2.65 kg/l.

A+B approx. 1.34 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		Flowshield SL Base A	Flowcoat/Flowshield SK Hardener B	Flowshield SL Filler C
26 kg	(14.5 litres)	8.9 kg	3.2 kg	13.9 kg

CE Mark – see the declaration of performance for details.

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