

Flowcoat SK

Product sheet

Product description

Flowcoat/Flowshield SK Hardener B is used with a standard Flowcoat SF41 Base A component to provide a coloured 2-component epoxy thin layer coating with excellent resistance to hydraulic fluids.

Uses

Provides a light to medium duty, easy to clean, chemical resistant floor coating. A non-slip finish can be produced by incorporation of aggregates between coats. Typical uses are aircraft hangers, aircraft parking areas, workshops etc.

Environment & Health

Flowcoat SK is a solvent and nonyl-phenol free product. 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

3.53 parts of Flowcoat SF41 component A are mixed with 1 part of Flowcoat/Flowshield SK Hardener 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.

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

Curing time (at 20°C)

Can be overcoated after 16 hours.
Maximum overcoat time 24 hours.
Can be walked on after 24 hours.
The product is fully hardened after 5 - 7 days.
High humidity in early stages of cure can result in white, matt surfaces (blooming).
Do not cover within first 24 hours of curing.

Colours

See the system data sheet for Flowcoat SK.

Solids content

Approx. 100 %

Finish

Gloss

Density

Component A approx. 1.5 kg/l

Component B approx. 1.0 kg/l

A+B approx. 1.4 kg/l

Storage

12 months in unopened pack.

Storage temperature between 5°C and 40°C.

Protect from weather and moisture / contaminant ingress.

Packaging

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

Unit		Flowcoat SF41 Base A	Flowcoat SK Hardener B	Flowcoat/Flowshield SK Hardener B
6.2 kg	(4.2 litres)	4.8 kg	1.4 kg	-
14.5 kg	(10.0 litres)	11.3 kg	-	3.2 kg

Note: Please note that the Flowcoat SK Hardener B 1.4 kg unit is only used with the Flowcoat SF41 Base A 4.8 kg unit.

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.