

## Flowcoat CR Hardener B

### Product sheet

#### Product description

Flowcoat CR is used with a standard Flowcoat SF41 Base A component to provide a coloured 2-component epoxy thin layer coating with increased resistance to solvents and strong acids (in comparison to standard Flowcoat SF41).

#### 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 SF41 CR 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

4.2 parts of component A are mixed with 1 part of component B, by weight.  
2.7 parts of component A are mixed with 1 part of component B, by volume.

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 SF41. Please note that Flowcoat CR Hardener is darker in colour than Flowcoat SF41 Hardener and so will have a slight darkening effect on the final finish.

**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 CR Hardener B
14 kg	(10.0 litres)	11.3 kg	2.7 kg

*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.*

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