



## Product Data Sheet | Flowcoat SF41 Fast Cure

### Product Description

Flowcoat SF41 Fast Cure is a time-proven, cost-effective, and wear-resistant epoxy floor coating system with adjustable anti-slip properties.

### Uses

Flowcoat SF41 Fast Cure is designed for use as a hard-wearing pigmented floor coating in areas such as factories, warehouses, plants and storage rooms where high resistance against chemical attack is required. Refer to FlowResin's Chemical Resistant Guide or consult Technical Service when selecting for a particular application.

### Ratio of Components

Unit: 3 gal, including 1 Standard Universal Color Pack per every 3-gallon unit. Also available pre-pigmented. 2:1 Mix Ratio (Base A : Hardener B : Standard Universal Color Pack D).

- Begin mixing Hardener B into Base A using a drill with a helical paddle to disperse all components, taking care not to entrain air.
- Shake the color pack cans, and then add the 1 color pack (per every 3-gallon unit) and any remaining components (if required) to the Base A. Continue mixing for 2-3 minutes until the color is evenly distributed.

### Application Rate

Installed in 2 coats at approx. 120 sq ft per gallon (each coat) for hiding properties and optimum performance. Coverage listed is theoretical, actual coverages may vary based on substrate and site variations.

### Application Temperature

The recommended substrate temperature is 60°F-80°F, but no less than 50°F. The temperature of the substrate should exceed the "dew point" by 5°F during application and hardening.

### Application Time/Pot Life

At 70°F, ready-mixed product should be used within 15-20 minutes. Application Time/Pot Life is shortened at higher temperatures.

### Curing Time (70°F)

Can be recoated after 6 hours. The product is fully hardened after 3-5 days.

High humidity in the early stages of curing can result in amine blushing and extended dry times. Do not cover or wash within the first 24 hours of curing.

### Color

Pigmented with 1 Standard Universal Color Pack per every 3 mixed gallons of liquid (to be ordered separately). Also available pre-pigmented with a 100-gallon order quantity (minimum). If ordering pre-pigmented, allow additional lead time for order. Custom corporate colors and designs can be produced

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but require minimum order quantities and extra lead times.

Reference FlowResin’s Technical Data Sheets and Color Chart for more information.

**Solids Content**

>98%

**Finish**

Gloss

**VOC**

12 g/l

**Density**

Component A approx. 1.13 kg/l (9.45 lbs/gallon)

Component B approx. 1.01 kg/l (8.43 lbs/gallon)

A+B approx. 1.10 kg/l (9.20 lbs/gallon)

**Storage**

12 months in unopened pack. Storage temperature 45°F-100°F. Protect from weather and moisture / contaminant ingress.

**Packaging**

The product is delivered A+B in the following kit (including 1 Universal Color Pack per unit):

Unit	Base A	Hardener B
3 Gallons	2 Gallons	1 Gallon
12 Gallons	8 Gallons	4 Gallons
150 Gallons	100 Gallons	50 Gallons
750 Gallons	500 Gallons	250 Gallons

**Physical Properties**

Property	Result	Test Method
Compressive Strength	>11,600 psi	ASTM C579
Flexural Strength	> 8,700 psi	ASTM C580
Tensile Strength	> 7,175 psi	ASTM C307

**Environment & Health**

Flowcoat SF41 Fast Cure is a solvent and nonylphenol free product; it is practically odorless 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 FlowResin’s Safety Datasheets for the individual components.



### Further Information

If you would like additional information, please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a FlowResin flooring system.

*Disclaimer: Any recommendation or suggestion relating to the use of the products made by Key Resin Company, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.*

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