

## Flowcoat SK



### Standard Colour Chart



The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match.

### Description

Flowcoat SK is a two pack, solvent free, high build epoxy resin based coating with excellent resistance to hydraulic fluids and Skydrol®. Available as a smooth or slip resistant finish.

### Typical Uses

To provide an easy to clean, chemical resistant floor coating. A non-slip finish can be produced by incorporation of aggregates between coats. Typical uses are aircraft hangars, aircraft parking areas and workshops.

### Benefits

- Resistant to typical chemicals found in aircraft hangars such as Skydrol®, jet fuel, hydraulic fluids and engine oil
- Non-slip finish can be tailored to requirements
- High build, up to 0.25mm in one coat
- Seamless and hygienic finish
- Excellent chemical resistance to sugars and acids
- Easy to clean and sterilise, low maintenance requirement
- Attractive, light reflectant appearance
- High abrasion resistance
- Solvent free; low odour

### Project References

UK RAF bases (e.g. RAF Cottesmore, RAF Lakenheath, RAF Mildenhall, RAF Sealand); MyTravel Jets; Airbus; Raytheon Corporate Jets; Dubai International Airport.

### System Design



## Model Specification

Product: Flowcoat SK  
Finish: Gloss  
Thickness: Dependant on specification  
Colour: \_\_\_\_\_  
Manufacturer: Flowcrete India Pvt Ltd  
Telephone: Customer Service - +91 44 4202 9831  
Preparatory work and application in accordance with manufacturer's instructions.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/ mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry upto 75% RH as per BS8204 and free from rising damp and ground water pressure.

## Products Included in this System

Flowcoat SK  
Flowcoat SK Composite (incorporated into build up systems of 3mm and above)

For actual coverage rates, refer to the appropriate specification.

**Detailed application instructions are available upon request.**

## Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site at [www.flowcrete.in](http://www.flowcrete.in).

## Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Focus on the Floor zone

Flowcrete India Pvt Ltd is a division of the Flowcrete Group, world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Fire Resistance	BS476: Part 7: Surface spread of flame: <b>Class 2</b>
Slip Resistance	TRRL Pendulum Slip Test <b>Dry &gt;40, Wet depends on specification</b>

Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Thermal Resistance	<b>Tolerant up to 60°C</b>
--------------------	----------------------------

Water Permeability	Nil-Karsten Test ( <b>impermeable</b> )
--------------------	---

Surface Hardness	<b>180 secs.</b> Koenig Hardness Test
------------------	---------------------------------------

Chemical Resistance	Contact Technical Department
---------------------	------------------------------

Abrasion Resistance	Taber Abrader: <b>80 mg loss per 1000 cycles</b> (1 kg load using CS10 wheels)
---------------------	--

Compressive Strength	<b>&gt; 60 N/mm<sup>2</sup></b> (BS6319)
----------------------	--

Flexural Strength	<b>&gt; 40 N/mm<sup>2</sup></b> (BS6319)
-------------------	--

Tensile Strength	<b>&gt; 15 N/mm<sup>2</sup></b> (BS6319)
------------------	--

Bond Strength	Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete. <b>&gt;1.5 MPa.</b>
---------------	--

## Speed of Cure

	10 °C	20°C	30 °C
Light traffic	48 hrs	16 hrs	12 hrs
Full traffic	72 hrs	48 hrs	36 hrs
Full chemical cure	12days	7days	6days

## Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

## Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.