

## Flowshield SL



### Standard Color Chart



Beige



Khaki



Light Gray



Green



Medium Gray



Brick Red



Dark Gray



Blue

The applied colors may differ slightly from the examples shown above. Contact our customer services for a true color sample or a special color match. Additional colors are available upon request.

### Description

Flowshield SL is a high build self-leveling, pigmented epoxy flooring system suited for industrial applications.

### Uses

Flowshield SL has been designed for installation in dry process areas where the floor is subjected to medium to heavy duty foot traffic as well as trolley, pallet truck, and rubber wheeled fork lift traffic. Typical uses include laboratories, clean rooms, warehouses, and electronic, aerospace, automotive and printing plants.

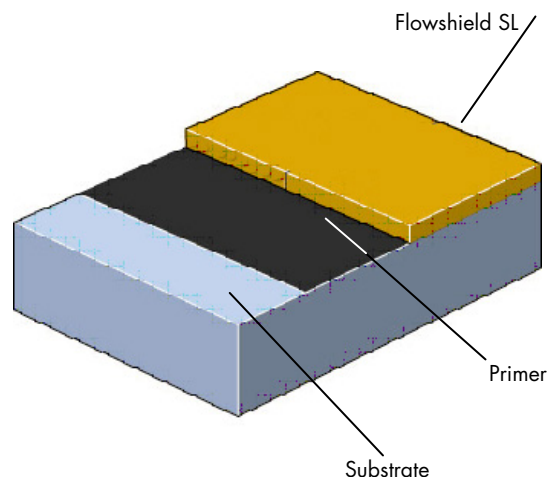
### Benefits

- Attractive, enhances working environment
- Hygienic – easy to clean
- Non-tainting, non-dusting
- Hard wearing floor finish
- Abrasion resistant
- 100% solids, low odor

### Project References

Texas General Hospital, Robroy Industries, Nestlé, Rolls Royce, Johnson & Johnson, Heineken Brewery, Unilever, Mercedes-Benz, Adcock Ingram.

### System Design



## Model Specification

Product: Flowshield SL

Finish: Gloss

Thickness: 80 mil

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete North America, Inc.

Telephone: Customer Service 936 539 6700

## Substrate Requirements

Concrete or screed substrate should be a minimum of 3,625 psi, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

## Products Included in this System

Unit consists of 3 gal of Flowshield epoxy, color pack and 55 lbs of SNL filler

Primer: Flowprime @ 175-225 sq ft/ gal

Topping: Flowshield SL @ 110 sq ft/ unit – 80 mils

For optional sealers and slip resistant dressings please consult our Technical Advisors.

Detailed application instructions are available upon request.

\*Coverages listed are theoretical, actual coverages may vary based on substrate and site variations.

## Flooring Design Service

Special corporate colors and designs can be produced to special order.

## Installation Service

The installation should be carried out by a Flowcrete preferred contractor with a documented quality assurance program.

Obtain details of our preferred contractors by contacting our customer service team or enquiring via our web site [www.flowcreteamericas.com](http://www.flowcreteamericas.com)

## 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 manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 68°F and at 50% Relative Humidity.

### Fire Resistance

BS 476:Part 7: Surface spread of flame - Class 2 (indicative)

### Slip Resistance Value (SRV)

Method described in BS 7976-2  
Dry 67 Wet 26

(typical values for 4-S rubber slider)  
BS 8204-2 Class AR2 – Medium duty industrial and commercial.

### Abrasion Resistance

### Temperature Resistance Water Permeability

Tolerance of 140°F

Nil - Karsten test (impermeable)

### Chemical Resistance

Contact Flowcrete North America Inc. for chemical resistance chart

### Compressive Strength

7,900 psi (ASTM C579)

### Flexural Strength

5,000 psi (ASTM C580)

### Tensile Strength

3,625 psi (ASTM C307)

### Bond Strength

Greater than cohesive strength of 3,625 psi concrete, > 220 psi.

### Toxicity (when cured)

Taint free to sensitive foodstuffs.

## Aftercare - Cleaning and Maintenance

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

## Important Note - Warranty

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to our standard Warranty, Terms and Conditions of Sale, copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before using products.

## 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 Flowcrete flooring system.

**Disclaimer:** Any recommendation or suggestion relating to the use of the products made by Flowcrete North America, Inc., 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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