

Flowfast SL (2-3 mm)



Description

Flowfast SL is a satin matt, coloured, self smoothing resin floor topping. Flowfast SL has been developed to enable very fast track applications, therefore dramatically reducing down time.

Uses

Ideal for use in dry process areas where the floor is subject to impact and medium/heavy duty traffic.

Benefits:

- Decorative floor finish
- Easy to clean and maintain
- Excellent wear and impact resistance
- Seamless, hygienic finish
- Abrasion resistant
- Rapid installation
- High chemical resistance
- Excellent resistance to UV light

Standard colour chart



Tile Red



Mid Grey



Forest Green



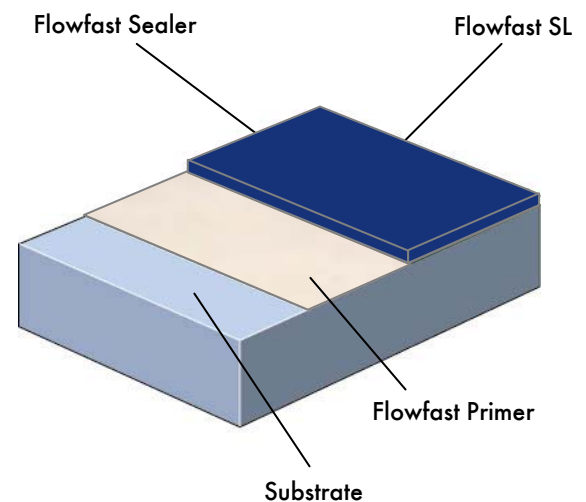
Dark Grey



Traffic Blue

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

System Design



Model Specification

Product: Flowfast SL (general specification)

Finish: Satin matt

Thickness: 2.5 mm

Colour: _____

Preparatory work and application in accordance with supplier's instructions.

Supplier: Flowcrete India Pvt. Ltd

Telephone: Customer Service +91 44 4017 6600

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 95% RH as per BS8204 and free from rising damp and ground water pressure.

Flowfast Damp Primer can be used for substrates up to 100% RH (surface dry).

Products Included in this System

Primer: Flowfast Standard Primer (blu) @ 0.3-0.5 kg/m²

Scatter: Natural Quartz 0.3 – 0.8 mm @ 0.3 kg/m²

Floor Topping - Flowfast SL

Deckshield Rapide Topcoat @ 1.4 kg/m² *mixed with:*
Flowfast SNL Filler @ 2.2 kg/m²

Topcoat: Deckshield Rapide Topcoat @ 0.6 kg/m² for two coats

Consult individual Product Data sheets for information on Flowfast Catalyst levels.

Detailed application instructions and special primers, binders and sealers for specific requirements are available upon request.

Slip resistant profile can be tailored in the system design to meet client requirements.

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme.

Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcrete.com.

Note

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

Intensively coloured products (e.g. hair colorants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discoloration in the sealer. Please contact our Technical Services Department for further advice.

Technical Information

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

Slip Resistance	Dry >40 low slip potential
Method described in BS 7976-2 (typical values for 4-S rubber slider)	(in accordance with HSE and UKSRG guidelines)

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry).

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.

Impact Resistance	ISO6272 1 kg weight >1.8 m 2 kg weight >1.5 m
Abrasion Resistance	BS 8204-2 Class AR2 - Medium duty industrial and commercial.
Temperature Resistance	Tolerant of sustained temperatures up to 50°C.
Water Permeability	Nil – Karsten test. (impermeable)
Chemical Resistance	Good resistance to tea, coffee, cola, fruit juice, soaps and bleach. (for specific chemicals please consult chemical resistance chart).
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.

Complies with BS 8204-6/FeRFA type 5.

Speed of Cure (per coat)

Full traffic & chemical cure 1 hour

Cure at temperatures in the range -10°C to +30°C can be achieved by altering the quantity of catalyst used.

For applications below -10°C, please consult our Technical Department.

Aftercare - Cleaning and Maintenance

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

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.

Important Notes

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.

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 India Pvt Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete India Pvt Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

Model Specification written for Flowcrete India Private Ltd.

Please consult Technical Team in own country region for specific details.