

Flowshield SL (2 mm)



Standard colour chart



Goosewing Grey 222



Beige 326



Mid Grey 280



Emerald Green 740



Sky Blue 452



Yellow 340



Tile Red 637

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.

Description

Hygienic self smoothing resin floor finish.

Uses

Dry process areas where the floor is subjected to medium to heavy duty foot, 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
- Anti-static grade available

Project References

Automotive :- Vauxhall; Jaguar; Bentley.

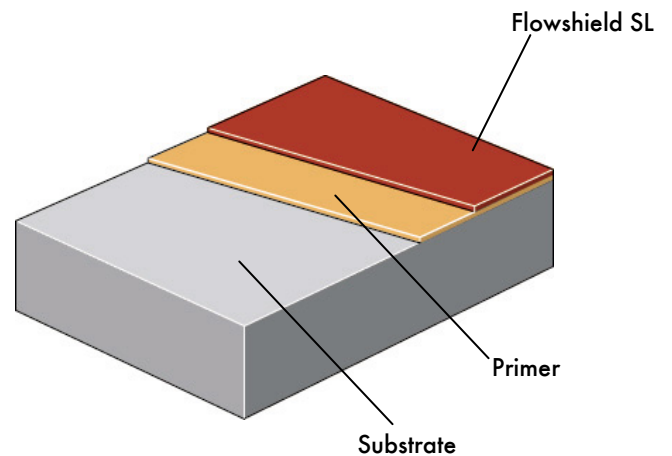
Aerospace :- Airbus.

Electronic :- Ericsson; NOKIA.

Pharmaceutical :- Innovative Technologies;

Astra Zeneca; GlaxoSmithKline.

System Design



Model Specification

Product: Flowshield SL

Finish: Gloss

Thickness: 2 mm

Colour: _____

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete UK Ltd.

Telephone : Customer Service - +44 (0) 1270753000

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 75% RH as per BS 8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Flowshield SL system.

Products Included in this System

Primer: Flowprime @ 0.25 kg/m²
(Porous substrates may require 2 coats)

Topping: Flowshield SL @ 3.6 kg/m²

Detailed application instructions are available upon request.

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.co.uk

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.

Focus on the Floorzone

Flowcrete are market 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, tank lining systems... to name just a few.

Our objective is to satisfy your Floorzone needs.

Technical Information

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

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

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

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.

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 Contact Technical Department

Compressive Strength 55 N/mm² (BS 6319)

Flexural Strength 35 N/mm² (BS 6319)

Tensile Strength 25 N/mm² (BS 6319)

Bond Strength Greater than cohesive strength of 25N/mm² concrete. >1.5 MPa.

Toxicity (when cured) Taint free to sensitive foodstuffs.

Complies with BS 8204-6/FeRFA category 5.

Speed of Cure

	10 °C	20 °C	30 °C
Light traffic	24 hrs	12 hrs	6 hrs
Full traffic	72 hrs	48 hrs	24 hrs
Full chemical cure	12 days	7 days	7 days

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.