

Flowshield SL (2–3 mm)



Description

Flowshield SL is a high-gloss, self-smoothing epoxy resin floor finish generally applied at 2-3mm.

Typical Uses

Dry process areas where the floor is subjected to foot, trolley, pallet truck and rubber wheeled forklift traffic. Typical uses include laboratories, clean rooms, warehouses and storage areas in pharmaceutical, electronic, aerospace, automotive and printing plants.

Benefits

- Attractive; enhances working environment
- Hygienic and easy to clean
- Non-tainting and non-dusting
- Hard wearing
- Abrasion resistant
- High chemical resistance grade available

Project References

Belling, Corning Celcor, B.Foods International, Metse Paper, KG Pastry, Advance Medical, Taiping Medical Centre, GSK, Norvatis, MSD.

System Design



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.

Model Specification

Product: Flowshield SL

Finish: Gloss

Thickness: 2-3mm

Colour: _____

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

Manufacturer: Flowcrete Asia Sdn Bhd

Telephone: Customer Service - +603 6277 9575

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 BS8204 and free from rising damp and ground water pressure.

Products Included in this System

Flowprime

Flowshield SL

Optional Sealers are available to produce matt finish or enhance scratch resistance. Contact Flowcrete for further details.

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.com.my.

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 Asia Sdn Bhd 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: Class 2 (indicative)
Slip Resistance Value (SRV)	Method described in BS 7976-2 Dry 67 (typical values for 4-S rubber slider)
Thermal Resistance	Tolerant up to 60 °C
Water Permeability	Nil-Karsten test (impermeable)
Vapour Permeability	4 gms /m ² /mm /24 hours
Chemical Resistance	Contact Technical Department
Abrasion Resistance	Taber Abrader: 90 mg loss per 1000 cycles (1 kg load using CS17 wheels)
Compressive Strength	60 N/mm ² (BS6319)
Flexural Strength	40 N/mm ² (BS6319)
Tensile Strength	25 N/mm ² (BS6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.
Toxicity	Taint free to sensitive foodstuffs

Speed of Cure

	10 °C	20 °C	30 °C
Light traffic	36 hrs	28 hrs	24 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.

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