

Flowshield SL (2 mm)

A hygienic self-smoothing resin floor finish. Suitable for dry process areas where the floor is subjected to medium to heavy duty foot, trolley, pallet truck and rubber wheeled fork lift traffic.



Attractive:

Enhances the appearance of working environment.



Seamless:

Delivers a seamless finish, except for underlying slab joints.



Easy to Clean:

Easy to clean and sterilise, low maintenance requirement.



Hard Wearing:

Ideal for areas with sustained heavy foot traffic.



Beige 326



Dark Grey 281



Forest Green
754



Goosewing
Grey 222



Light Grey 232



Mid Grey 280



Tile Red 637



Traffic Blue 446

The applied colours may differ from the examples shown.
For a full colour chart and samples, contact your local Flowcrete office.



Technical Profile*

FIRE RESISTANCE

EN 13501-1 B_{fl}-s1

IMPACT RESISTANCE

EN ISO 6272 15 Nm

TEMPERATURE RESISTANCE

Tolerant up to 70°C (intermittent) or 50°C (sustained)

WEAR RESISTANCE

EN 13892-5 Abrasion quantity <0.5 cm³

BOND STRENGTH

EN 13892-8 >2.5 N/mm²

WATER PERMEABILITY

Karsten test Nil (impermeable)

SLIP RESISTANCE** (in accordance with HSE and UKSRG guidelines)

EN 13036-4 / BS 7976-2 (typical values for 4-S rubber slider) Dry >40 low slip potential

COMPRESSIVE STRENGTH

EN 13892-2 55 N/mm²

FLEXURAL STRENGTH

EN 13892-2 35 N/mm²

TENSILE STRENGTH

BS 6319-7 25 N/mm²

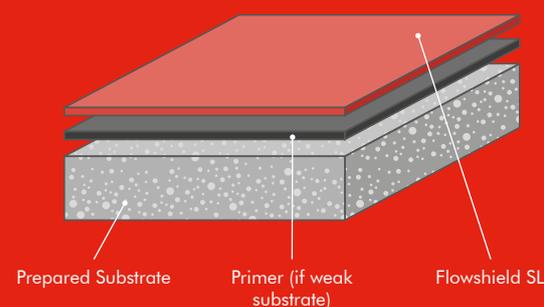
BS 8204-6 / FeRFA

Type 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

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

**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 Department for further details and specifications.



Model Specification

Product	Flowshield SL
----------------	---------------

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

Products Included In This System

Primer	Flowprime @ 0.25 kg/m ² (Porous substrates may require 2 coats)
Topping	Flowshield SL @ 3.6 kg/m ²

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8203 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.

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 website www.flowcrete.co.uk

Aftercare

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

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

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.

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 colourants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discolouration in the surface. Please contact our Technical Services Department for further advice.

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

System Datasheet written for Flowcrete UK Ltd. Please consult Technical Team in your own country region for specific details. [11/12/18, 01 UK]