

## Flowfresh SL (2.5mm)

A pigmented, self-smoothing, chemical resistant, polyurethane resin floor finish containing Polygiene® antimicrobial additives.

Typically used in dry or semi-wet food processing and packaging zones.



### Antimicrobial:

Contains Polygiene® additive that kills up to 99.9% bacteria.



### Chemical Resistant:

Protects against attack from corrosive ingredients and cleaning agents.



### HACCP Certified:

HACCP Internationally certified polyurethane flooring system.



### Easy to Clean:

The self-smoothing finish is easy to maintain and sterilise.



## Technical Profile

### FIRE RESISTANCE

EN 13501-1 B<sub>FL</sub> - s1

### SLIP RESISTANCE

Method described in AS4586-2013 Dry & Wet Rating is dependant on specification (in accordance with AS4586-2013)

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

### IMPACT RESISTANCE

BS8204 Part1 Cat: A (<0.8mm) ISO6272 1kg weight >1.8m  
2kg weight >1.5m

### TEMPERATURE RESISTANCE

From 5°C to 65°C

### COEFFICIENT OF THERMAL EXPANSION

ASTM C531 5.70 x 10<sup>-5</sup> °C<sup>-1</sup>

### WATER PERMEABILITY

Karsten Test Nil (impermeable)

### VAPOUR PERMEABILITY

ASTM E96:90 5g/m<sup>2</sup>/24hrs (at 4mm thick)

### ABRASION RESISTANCE

Taber Abrader 0.1g loss per 1000 cycles (1kg using CS17 wheels)

### COMPRESSIVE STRENGTH

EN 13892-2 > 50N/mm<sup>2</sup>

### FLEXURAL STRENGTH

EN 13892-2 20 N/mm<sup>2</sup>

### TENSILE STRENGTH

BS6319 > 10N/mm<sup>2</sup>

### BOND STRENGTH

ASTM D4541 (Pull-Off Test) > 1.5MPa

### TOXICITY

Taint Free to sensitive foodstuffs (when cured).

SPEED OF CURE*	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	10 days	7 days	6 days



Rich Cream



Warm Buff



Coral Red



Clay



Pewter Grey



Signal Green



Ash Grey



Blue

\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet/dry). Please contact our Technical Advisors for further details.

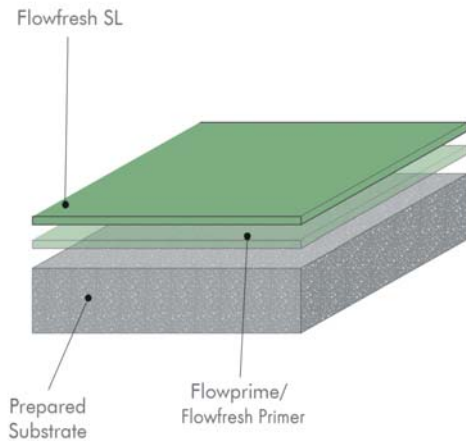
The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

## Model Specification

<b>System</b>	Flowfresh SL
<b>Finish</b>	Matte
<b>Thickness</b>	2.5mm
<b>Manufacturer</b>	Flowcrete
<b>Contact</b>	+61 7 3205 7115

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

## System Design



## Products Included In This System

<b>Layer 1</b>	Flowprime/Flowfresh Primer
<b>Layer 2</b>	Flowfresh SL

## Coving

Coving forms an integral part of the flooring system. It creates a sealed finish between the floor and wall joint. Please refer to Flowtex F1 Coving Mortar for further information.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8204. Must be free from rising ground moisture or must have an effective DPM in place.

## Installation Service

The installation should be carried out by a experienced contractor with a documented quality assurance scheme. For details of our recommended contractors, contact your local Flowcrete office. Detailed application instructions are available upon 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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

## Aftercare, Cleaning & Maintenance

Please refer to Flowcrete Australia's current Cleaning and Maintenance Recommendations Guide.

## Warranty

Flowcrete 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 installing the products.