

## Flowshield UV (4mm)

A high-impact, chemical, abrasion resistant, UV stable, coloured resin-based flooring solution with a textured non-slip finish.

Typically used in automotive, engineering, aerospace and pharmaceutical environments.



### Slip Resistant:

Textured aggregates provide light non slip traction underfoot.



### UV Light Stable:

100% UV stable finish protects against the elements.



### Low Maintenance:

Seamless, hygienic finish, which requires low maintenance.



### Resistant:

Hard wearing, durable, chemical, impact and abrasion resistant.

## Technical Profile

### FIRE RESISTANCE

EN 13505-1	Bfl-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

### TEMPERATURE RESISTANCE

Tolerant up to 60°C

### WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
--------------	-------------------

### BOND STRENGTH

ASTM D4541 (Pull-Off Test)	> 1.5MPa*
----------------------------	-----------

### ABRASION RESISTANCE

Taber Abrader 1 kg load using CS17 wheels	90mg loss per 1000 cycles
--	---------------------------

### COMPRESSIVE STRENGTH

BS6319	> 50 N/mm <sup>2</sup>
--------	------------------------

### FLEXURAL STRENGTH

BS6319	> 30 N/mm <sup>2</sup>
--------	------------------------

### TENSILE STRENGTH

BS6319	25 N/mm <sup>2</sup>
--------	----------------------

### CHEMICAL RESISTANCE

Contact Technical Department

### UV LIGHT RESISTANCE

Excellent

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	12 days	7 days	6 days

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.



Light N Grey   Steel Grey   Charcoal   Tile Red



Light Green   Dark Green   Steel Blue   Mid Blue

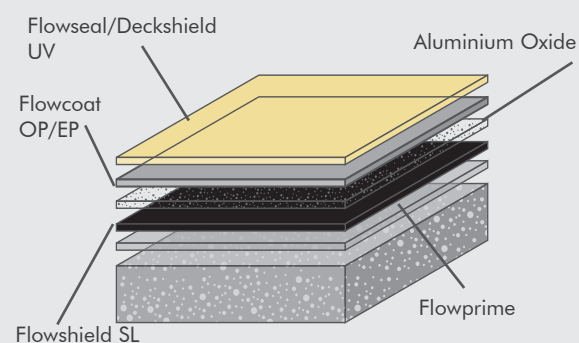
The applied colours may differ from the examples shown.  
For a full colour chart and samples, contact your local Flowcrete office.

## Model Specification

<b>System</b>	Flowshield UV
<b>Finish</b>	Gloss
<b>Thickness</b>	4mm
<b>Manufacturer</b>	Flowcrete Australia Pty Ltd
<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
<b>Layer 2</b>	Flowprime * 2nd Coat If Required for Porous Surfaces
<b>Layer 3</b>	Flowshield SL
	Aluminium Oxide
<b>Layer 4</b>	Flowcoat OP/EP
<b>Layer 5</b>	Flowseal/Deckshield UV

## Coving

Coving can form 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 laitance, dust and other contamination. Substrate

should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

## Installation Service

The installation should be carried out by a qualified 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 of the products by Flowcrete staff.

## Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent. Please refer to Flowcrete's Cleaning & Maintenance Guide for further information.

## 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.