

## Flowshield LXP (1-2mm)

A solvent free, flexible polyurethane floor coating system that withstands a demanding industrial environment.



### Chemical Resistance:

Protects against a range of acids, alkalis, solvents, alcohol and fuel.



### Wear Resistant:

Excellent abrasion, impact and wear resistance in high traffic areas.



### Easily Cleaned:

Seamless installation ensures dirt and dust are easily cleaned away.



### Flexible Application:

Can be installed on a variety of substrates including concrete, wood and steel.



### Crack Bridging:

30% elongation providing crack bridging properties.



Beige



Yellow



Signal Red



Forest Green



Tile Red



Dark Blue



Light Grey



Mid Grey



Dark Grey

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

## Technical Profile

### SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry 74, Wet 23
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### FIRE RESISTANCE

SANS10177 - Part 4	Class 3
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### WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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### THERMAL RESISTANCE

Tolerant of sustained temperatures up to 60°C

### ABRASION RESISTANCE

Taber Abrader	5g loss per 1000 cycles (1kg load using CS17 wheels)
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BS 8204-2	Grade AR2
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### BOND STRENGTH

> 1.5mPa\*

### FLEXURAL STRENGTH

> 15 N/mm<sup>2</sup>

### TENSILE STRENGTH

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

### ELONGATION AT BREAK

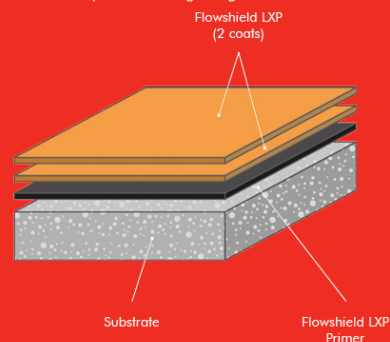
BS 6319	60%
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### TEAR STRENGTH

BS 6319	11mPa
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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	12 days	7 days	7 days

\*Assumes concrete compressive strength is greater than 25 N/mm<sup>2</sup>



\*\*Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

## Model Specification

<b>System</b>	Flowshield LXP
<b>Finish</b>	Gloss
<b>Thickness</b>	1-2mm
<b>Colour</b>	See standard colour chart
<b>Manufacturer</b>	Flowcrete SA (Pty) Ltd

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

## Products Included In This System

<b>Primer</b>	Flowshield LXP Primer Clear
<b>Coating</b>	Flowshield LXP (2 coats)

## 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.

## Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete office. Detailed application instructions are available upon request.

## Aftercare, Cleaning & Maintenance

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

## 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.

## Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

## 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.

[20/04/18]