

## Flowcoat LXP



### Description

Flowcoat LXP is a high performance, seamless, flexible, solvent free polyurethane floor coating.

### Typical Uses

Flowcoat LXP may be used as a flexible coloured floor coating in areas on a variety of substrates such as concrete, wood, metal and asphalt in commercial, industrial, and institutional areas.

### Benefits

- Flexible
- Abrasion resistant
- Improved impact resistance
- Solvent free; low odour
- Attractive, light reflectant appearance
- Seamless and hygienic finish
- Low maintenance
- Slip resistant finish may be tailored to specific client requirements

### Project References

F&F Co. Ltd; Seongnam Factory; Saewood Co. Ltd; CP Marketing & Retailing; Johnson & Johnson; Biocorp.

### 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: Flowcoat LXP  
Finish: Gloss  
Thickness: Dependant on specification  
Colour: \_\_\_\_\_  
Manufacturer: Flowcrete India Pvt Ltd  
Telephone: Customer Service - +91 44420 29831  
Preparatory work and application in accordance with manufacturer's instructions.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry upto 75% RH as per BS8204 and free from rising damp and ground water pressure.

## Products Included in this System

Flowprime LXP

For actual coverage rates, refer to the appropriate project specification.

**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.in](http://www.flowcrete.in).

## 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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Focus on the Floorzone

Flowcrete India Pvt Ltd 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**  
Slip Resistance TRRL Pendulum Slip Test  
**Dry >40 Wet depends on specification**

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 and specifications.

Thermal Resistance **Tolerant up to 60 °C**  
Water Permeability Nil-Karsten test (**impermeable**)  
Surface Hardness **55** (Shore D)  
Chemical Resistance Contact Technical Department  
Abrasion Resistance **Grade AR2 Medium Duty Industrial and Commercial**  
BS8204:Part 2  
Flexural Strength **>15N/mm<sup>2</sup>** (BS6319)  
Tensile Strength **> 10 N/mm<sup>2</sup>** (BS6319)  
Bond Strength Greater than cohesive strength  
Of 25 N/mm<sup>2</sup> concrete. **> 1.5MPa.**  
Elongation at break **60%**

## Speed of Cure

	10°C	20 °C	30 °C
Light traffic	48 hrs	16 hrs	12hrs
Full traffic	72 hrs	48 hrs	40hrs
Full chemical cure	12 days	7 days	6 days

## 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.