

Flowshield LXP (1 to 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 Resistance:

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.



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
-------------------------	----------------

FIRE RESISTANCE

SANS 10177 – Part 4	Class 3
---------------------	---------

WATER PERMEABILITY

Karsten Test	Nil (impermeable)
--------------	-------------------

THERMAL RESISTANCE

Tolerant of sustained temperatures up to 60°C

ABRASION RESISTANCE

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

BOND STRENGTH

> 1.5 MPa concrete failure

FLEXURAL STRENGTH

> 15 N/mm²

TENSILE STRENGTH

> 10 N/mm²

ELONGATION AT BREAK

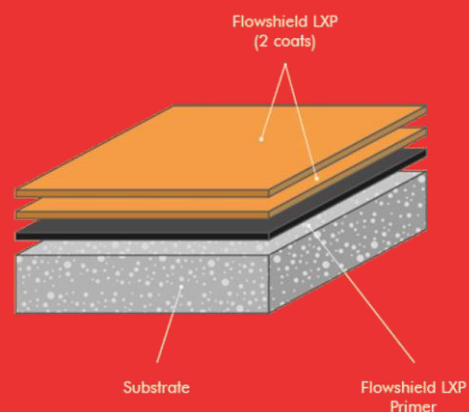
BS 6319	60%
---------	-----

TEAR STRENGTH

BS 6319	11 MPa
---------	--------

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

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



(Flowshield LXP)

Model Specification

System	Flowshield LXP
Finish	Gloss
Thickness	1 to 2mm
Colour	See standard colour chart

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

Products Included in this System

Primer	Flowshield LXP Primer Clear
Coating	Flowshield LXP (2 coats)

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

Installation Service

The installation should be carried out by an Approved Applicator. For details of our Approved Applicators, contact our regional 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.