



Flowcoat LXP HD



Description

Flowcoat LXP HD is a 100% solids, solvent free, semi-flexible, medium duty, polyurethane coating. Slip resistant finish can be produced by incorporation of aggregates between coats.

Uses

Flowcoat LXP HD is suitable for use in process, manufacturing, packaging and warehousing areas subjected to heavy foot and pallet truck traffic.

Benefits

- Anti-slip finish can be tailored to requirements
- Seamless finish (except for underlying slab joints)
- Excellent chemical resistance to sugars & acids
- Easy to clean and sterilize, low maintenance requirement
- Flexible, can be used over wood and steel
- High abrasion resistance
- 100% solids, low odor

Standard Color Chart



Beige



Khaki



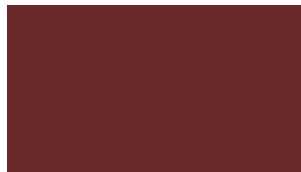
Medium Gray



Green



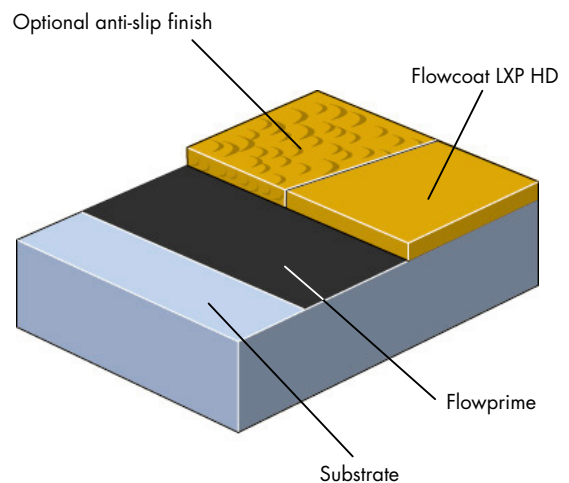
Dark Gray



Brick Red

The applied colors may differ slightly from the examples shown above. Contact our customer services for a true color sample or a special color match. Additional colors are available upon request.

System Design



Model Specification

Product: Flowcoat LXP HD

Finish: Gloss

Thickness: 25-30 mil

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete North America, Inc.

Telephone: Customer Service 936 539 6700

Substrate Requirements

Concrete or screed substrate should be a minimum of 3,625 psi, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Products Included in this System

Primer: Flowprime @ 200 sq ft/ gal

1st coat: Flowcoat LXP HD @ 120 sq ft/ gal

2nd coat: Flowcoat LXP HD @ 120 sq ft/ gal

For optional slip resistant dressings please consult our Technical Advisors.

Detailed application instructions are available upon request.

*Coverages listed are theoretical, actual coverages may vary based on substrate and site variations.

Installation Service

The installation should be carried out by a Flowcrete preferred contractor with a documented quality assurance program.

Obtain details of our preferred contractors by contacting our customer service team or enquiring via our web site www.flowcreteamericas.com

Color Stability

Flowcoat LXP HD is not color fast and may change color over time (exhibits a yellowing effect). Color change depends on the UV light and heat levels present and hence, the rate of change cannot be predicted. This is more noticeable in light colors and grays, but does not compromise the product's chemical resistance or physical characteristics.

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

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Fire Resistance

BS 476-7: Surface spread of flame Class 2

Slip Resistance

Method described in BS 7976-2 (typical values for 4-S rubber slider)
Dry >40 low slip potential

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 and specifications.

Temperature Resistance

Tolerant up to 140°F

Water Permeability

Nil - Karsten test (impermeable)

Surface Hardness

65 (Shore D)

Chemical Resistance

Contact Flowcrete North America Inc. for chemical resistance chart BS 8204-2 Class AR2 - Medium duty industrial and commercial.

Abrasion Resistance

Flexural Strength

2,400 psi (ASTM C580)

Tensile Strength

1,650 psi (ASTM C307)

Elongation at break

25% (ASTM D638)

Bond Strength

>400 psi failure in substrate

VOC

10 g/l

Aftercare - Cleaning and Maintenance

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

Important Note - Warranty

Flowcrete's 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 using products.

Further Information

If you would like additional information please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a Flowcrete flooring system.

Disclaimer: Any recommendation or suggestion relating to the use of the products made by Flowcrete North America, Inc., whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.

