

Flowshield HD (4-6mm)



Description

An easy to apply, epoxy resin self smoothing flooring system, applied in coats of 4 - 6 mm.

Uses

Flowshield HD is used to protect concrete where requirements have been set for improved durability to withstand both mechanical and chemical stress. The finished surface is smooth, impermeable, and easy to clean. Typical areas for use are dry process manufacturing, packaging and warehousing subjected to intensive wheeled & fork lift traffic. Suitable for AGV, Hovair and other robotic equipment trafficking.

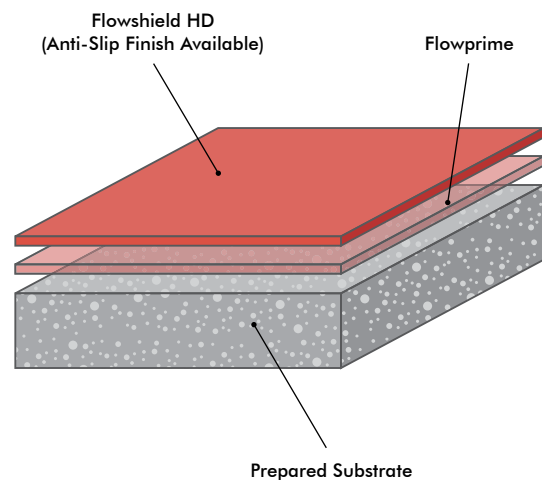
Benefits

- Durable and hard-wearing
- Attractive; enhances working environment
- Hygienic and easy to clean
- Non-tainting and non-dusting
- Abrasion resistant
- High chemical resistance grade available

Project References

Available on request.

System Design



Standard Colour Chart



Ivory



Yellow



Dark Red



Light Blue



Blue



Dark Green



Light Grey



Mid Grey



Dark Grey



Black

Model Specification

Product: Flowshield HD
Finish: Gloss
Thickness: Dependant on specification
Colour: _____
Preparatory work and application in accordance with suppliers instructions.
Manufacturer: Flowcrete Middle East FZCO
Telephone : Customer Service +971 4 886 4728

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry up to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Products Included in this System

Flowprime
Flowshield HD

Optional Sealers are available to produce matt finish or enhance scratch resistance. Contact Flowcrete for further details.

For slip resistant dressings, please consult our Technical Advisors.

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 website at www.flowcrete.ae

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 Middle East FZCO 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.

Chemical Resistance	Contact Technical Department
Compressive Strength	>90 N/mm ² (BS6319)
Flexural Strength	>33 N/mm ² (BS6319)
Tensile Strength	> 15 N/mm ² (BS6319)
Bond Strength	> Cohesive strength of concrete.
Abrasion Resistance	< 0.05mm (C&CA Abrasion, as BS8204)
Impact Resistance	< 0.05mm (BRE screed tester)

Speed of Cure

	18°C
Light Traffic	24 hrs
Full chemical cure	5-7 days

High humidity in the early stages of cure can result in white, matt surfaces (blooming).
Do not cover or wash within the first 24 hours of curing.

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.