

### Flowcoat HTS



#### Description

Flowcoat HTS is a high performance, UV light stable, chemical resistant, extremely abrasion resistant pigmented hybrid polyurethane coating system.

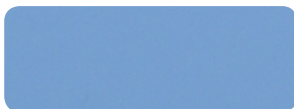
#### Uses

Flowcoat HTS is the best choice for environments with heavy traffic where abrasion resistance is essential to the durability of the floor such as loading docks, warehouses, high traffic aisles, amongst others.

#### Benefits

- Superior abrasion resistance
- Excellent impact resistance
- Attractive, light reflectant appearance
- Seamless and hygienic finish
- Low maintenance
- UV resistance - colour stable
- Excellent chemical resistance to a variety of chemicals including: acids/alkalis, alcohol, detergents, aliphatic and aromatic hydrocarbons, hydraulic fluids and jet fuel.

#### Standard Colour Chart



Light Blue



Dark Blue



Light Green



Dark Green



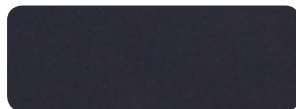
Brick Red



Light Grey



Steel Grey

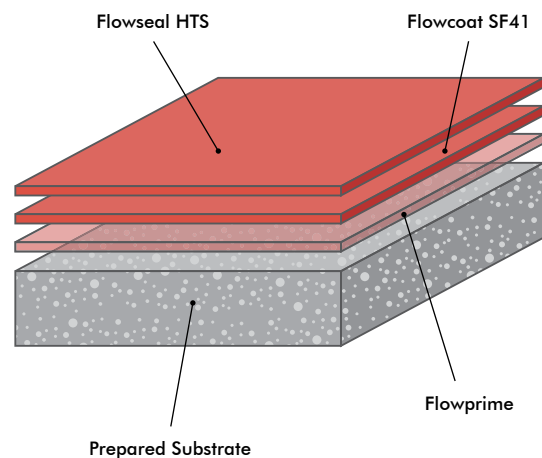


Charcoal

#### Project References

Available on request.

#### System Design



## Model Specification

Product: Flowcoat HTS  
Finish: Semi-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/mm<sup>2</sup>, 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  
Flowcoat SF41  
Flowseal HTS

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 website at [www.flowcrete.ae](http://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.

Fire Resistance	BS476:Part 7: Surface spread of flame: Class 1
Slip Resistance	TRRL Pendulum Slip Test Dry >40 Wet depends on specification
Thermal Resistance	Tolerant up to 70°C
Water Permeability	Nil – Karsten test (impermeable)
Surface Hardness	180 secs. Koenig Hardness Test
Chemical Resistance	Contact Technical Department
Abrasion Resistance	Taber Abrader: 40mg loss per 1000 cycles (1 kg load using CS10 wheels) BS8204-2 Grade AR2
Tensile Strength	> 15 N/mm <sup>2</sup> (BS6319)
Bond Strength	Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete. >1.5 MPa.

## Speed of Cure (per layer)

	10°C	20°C	30°C
Light Traffic	48 hrs	24 hrs	18 hrs
Full traffic	72 hrs	48 hrs	36 hrs
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.