

### Flowfast Quartz



#### Description

Flowfast Quartz is a hard-wearing, decorative, fast curing, methyl methacrylate (MMA) resin floor topping made up of colour stable quartz granules encapsulated in a clear resin binder.

Flowfast Quartz has been developed to enable very fast track applications, therefore dramatically reducing down time.

#### Uses

Ideal for use in production areas, kitchens, freezer, coldrooms, wet and dry process areas where the floor is subjected to heavy traffic, impact and chemical spills; areas where time for floor repairing and resurfacing is limited.

#### Benefits

- Fast curing and rapid installation
- Can be overlaid onto existing ceramic tiles, marble, granite, terrazzo or timber floors
- Decorative floor finish
- High scratch resistance
- High abrasion resistance
- Excellent wear and impact resistance
- Good slip resistance
- High chemical resistance
- Seamless and hygienic finish
- Easy to clean and maintain

#### Standard Colour Chart



Dark Grey



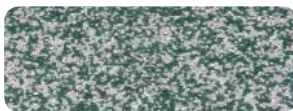
Mid Grey



Light Grey



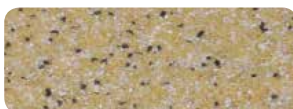
Light Blue



Green



Red

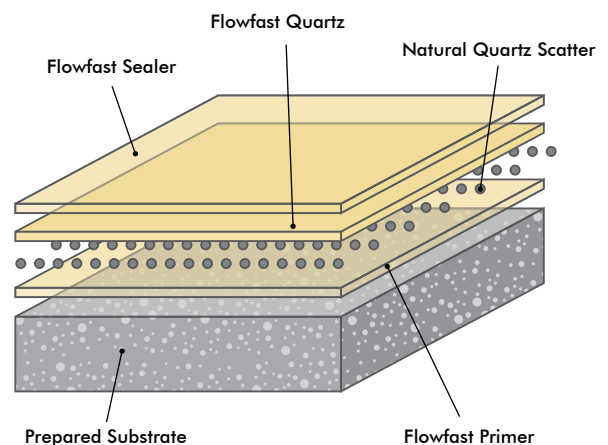


Yellow



Brown

#### System Design



## Model Specification

System: Flowfast Quartz  
Finish: Satin  
Thickness: Dependant on specification  
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 up to 75% RH as per BS8204 and free from rising damp and ground water pressure. A special Flowfast primer can be used for substrates up to 100% RH (surface dry).

## Products Included in this System

Flowfast Standard Primer  
Natural Quartz 0.4-0.8mm  
Flowfast Standard Binder mixed with Coloured Quartz  
Flowfast Standard Seal

Consult individual Product Data sheets for information on Flowfast Catalyst levels.

Slip resistant profile can be tailored in the system design to meet client requirements.

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.flowcreteasia.com](http://www.flowcreteasia.com)

## 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.

## Aftercare - Cleaning and Maintenance

Clean floor regularly using a rotary scrubber in conjunction with a mildly alkaline detergent (without solvent).

## 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.

## Technical Information

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

Slip Resistance Method described in BS 7976-2 (typical values for 4-S rubber slider)	Dry >40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)
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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.

Impact Resistance	10Nm (EN ISO 6272)
Abrasion Resistance	BS 8204-2 Class ART -Heavy duty industrial and commercial
Temperature Resistance	Tolerant of sustained temperatures up to 70°C
Water Permeability	Nil – Karsten test (impermeable)
Chemical Resistance	Contact Technical Department Good resistance to tea, coffee, cola, fruit juice, soaps and bleach.
Compressive Strength	60 N/mm <sup>2</sup> (EN 13892-2)
Flexural Strength	20 N/mm <sup>2</sup> (EN 13892-2)
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 coat)

Walk on	1 hour
Full traffic & chemical cure	2 - 3 hours

Cure at ambient temperatures in the range 0°C to +30°C can be achieved by altering the quantity of catalyst used. For applications below 0°C, please consult our Technical Department.

## Customer Service

For more information regarding this product please contact your local Flowcrete office:

Flowcrete Asia	+60 3 6277 9575
Flowcrete Hong Kong	+852 2795 0478
Flowcrete China	+86 10 8472 1912
Flowcrete Thailand	+66 2539 3424
Flowcrete Indonesia	+62 21 252 3201
Flowcrete Vietnam	+84 8 6287 0846

Visit our website for more locations.

## Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the numbers above or visit our website to register your interest in specifying one of the most durable floors on the market.