

Flowfast Quartz (3-6 mm)



Description

Flowfast Quartz is a hard wearing, decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear acrylic resin binder.

Flowfast Quartz has been developed to enable very fast track applications, typically 90 minutes installation time to receive full traffic. Therefore dramatically reducing down time.

Uses

Ideal for use in production areas, kitchens and wet and dry process areas where the floor is subject to heavy traffic, impact and chemical spills.

Benefits:

- Rapid installation (1 hour complete)
- Decorative floor finish
- High scratch resistance
- Easy to clean and maintain
- Excellent wear and impact resistance
- Seamless, hygienic finish
- Abrasion resistant
- Rapid installation
- High chemical resistance
- Excellent Slip Resistance
- Excellent resistance to UV light

Standard colour chart



Yellow 7400



Green 7300



Grey 7100



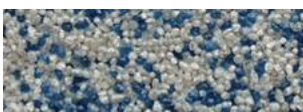
Grey 7120



Grey 7600



Red 7500



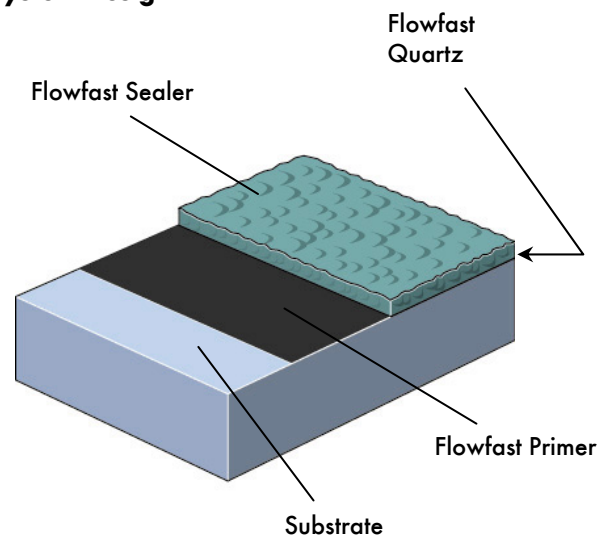
Blue 7750



Grey 7770

The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match. Special corporate colours and designs can be produced to special order.

System Design



Model Specification

Product: Flowfast Quartz (general specification)

Finish: Satin

Thickness: 4 mm

Colour: _____

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete UK Ltd

Telephone: Customer Service +44 (0) 1270 753000

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 to 95% 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

Primer: Flowfast Primer @ 0.3-0.5 kg/m²

Scatter: Coloured Quartz @ 0.3 kg/m²

Topping: Mix 1 part weight Flowfast Binder to approx 3.3 parts of Coloured Quartz, size 7 (0.7-1.2mm)
Apply quartz screed @ 8 kg/m² (for 4mm)

Sealer: Flowfast Sealer @ 0.3 kg/m²

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

Detailed application instructions and special primers, binders and sealers for specific requirements are available upon request.

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

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme.

Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcrete.co.uk

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.

Focus on the Floorzone

Flowcrete are market 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, corrosion protection systems... to name just a few.

Our objective is to satisfy your Floorzone needs.

Technical Information

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

Tailored properties can be achieved with the selection of specific resins that are available on request.

Slip Resistance	Dry >40 low slip potential
Method described in BS 7976-2 (typical values for 4-S rubber slider)	(in accordance with HSE and UKSRG guidelines)

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.

Fire Resistance	EN 13501-1 - B _{FL} - s1
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Impact Resistance	ISO6272 1 kg weight >1.8 m 2 kg weight >1.5 m
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Abrasion Resistance	BS 8204-2 Class AR1 - Heavy duty industrial and commercial.
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Temperature Resistance	Tolerant of sustained temperatures up to 70°C.
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Water Permeability	Nil - Karsten test. (impermeable)
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Chemical Resistance	Good resistance to tea, coffee, cola, fruit juice, soaps and bleach. (for specific chemicals please consult chemical resistance chart).
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Compressive Strength	60 N/mm ² (BS 6319)
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Flexural Strength	20 N/mm ² (BS 6319)
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Tensile Strength	15 N/mm ² (BS 6319)
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Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.
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Complies with BS 8204-6/FeRFA category 6.

Speed of Cure (per coat)

Full traffic & chemical cure	1 hour
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Cure at 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 Technical Department.

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 system 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.