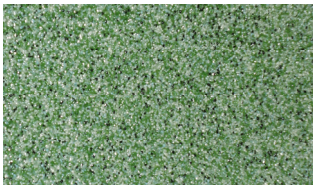


Flowfast Quartz



Standard Color Chart



Spring Glen



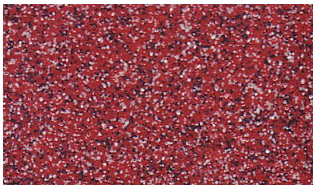
Gray Mist



Rococo



Blueberry Ice



Kitchen Red



Shell

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.

Description

Flowfast Quartz is a hard wearing, decorative, fast curing, methyl methacrylate (MMA) flooring system, consisting of color stable quartz granules encapsulated in a clear resin binder, with a matte finish.

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

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.

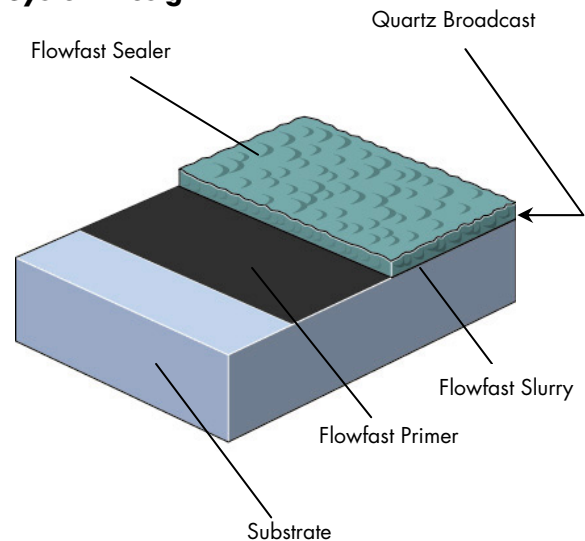
Benefits

- Fast installation
- Decorative floor finish
- High scratch resistance
- Easy to clean and maintain
- Excellent wear and impact resistance
- Seamless, hygienic finish
- Abrasion resistant
- Chemical resistance
- Slip resistant

Project References

NASA - Johnson Space Center, GlaxoSmithKline, Dell, Kellogg's, Dubai International Airport, Normal Manley International Airport, Wembley Arena.

System Design



Model Specification

Product: Flowfast Quartz

Finish: Satin

Thickness: 160 mil (nominal)

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: Flowfast Standard Primer @ 80-130 sq ft/gal

Scatter Sand: 0.1 lbs/sq ft

Slurry*: Flowfast Standard Binder/L @ 50 sq ft/mix

Broadcast: Color quartz @ 0.5 lbs/sq ft

1st Sealer: Flowfast Standard Sealer @ 100 sq ft/gal

2nd Sealer: Flowfast Standard Sealer @ 125 sq ft/gal

*Slurry mix consists of 2 gal (17 lbs) of Flowfast Standard Binder and up to 42 lbs of L filler, with optional 8 oz. of Flowfast Color Pack.

*Alternative mix @ 87.5 sq ft/mix:

Slurry mix consists of 2.5 gal (21 lbs) of Flowfast Standard Binder and up to 55 lbs of SNL filler, with optional 8 oz of Flowfast Color Pack.

Additional primer and membrane options are available for damp surfaces, crack bridging and high movement. Consult technical service for additional details.

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

Detailed application instructions are available upon request.

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

Flooring Design Service

Special corporate colors and designs can be produced to special order.

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

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 68°F and at 50% Relative Humidity.

Slip Resistance (SRV)

Method described in BS 7976-2 (typical values for 4-S rubber slider)
Dry 80
Wet 60 (dependent on broadcast size)

Impact Resistance

ISO6272 2.2 lb weight > 70 in
4.4 lb weight > 59 in

Abrasion Resistance

BS 8204-2 Class AR1 – Heavy duty industrial and commercial.

Temperature Resistance

Tolerant of sustained temperatures up to 160°F

Water Permeability Chemical Resistance

Nil – Karsten test. (impermeable)
Good resistance to tea, coffee, cola, fruit juice, soaps and bleach

Compressive Strength

11,600 psi (ASTM C579)

Flexural Strength

4,350 psi (ASTM C580)

Tensile Strength

2,900 psi (ASTM C307)

Bond Strength

Greater than cohesive strength of 3,625 psi concrete, > 220 psi.

VOC

<50 g/l

Aftercare - Cleaning and Maintenance

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

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.

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.

