

## FLOWFAST

► A range of decorative acrylic resin floor coatings containing a powerful methyl methacrylate (MMA) catalyst that can cut floor cure times down to just two hours.

# Flowfast Range Technical Profile



Using methyl methacrylate (MMA) technology, and ready to use just two hours after application, Flowcrete’s speediest flooring solution delivers unrivalled installation and cure times as well as an eye-catching finish.

Available in a creative mix of colours and finishes, Flowfast is well-suited to the commercial sector, where it has become increasingly popular throughout airports, shopping centres, residential developments, underground rail stations, stadia buildings and arena complexes across the globe.

A non-standard colour palette is also available, offering clients versatility. Simply adding sparkling glitter flakes to the resin matrix will deliver a truly unique finish.

The range offers complete flexibility of design, with the capability to apply the finishes in bespoke patterns for a totally personalised, attractive flooring solution.

What’s more, offering chemical, wear and slip resistance, Flowfast is also suited to the food processing, mechanical, chemical and electronic goods industries where its seamless, durable finish offers an excellent platform for hygiene and heavy industry.

## Chemical Resistance\*

ACIDS		ALKALIS		ORGANIC		OTHER			
Acetic Acid 25%	✓	Caustic Soda	✓	Petroleum	✓	Crude Oil	✓	Vinegar	✓
Hydrochloric Acid 37%	✓	Potassium Hydroxide 50%	✓	Formaldehyde 37%	✓	Calcium Chloride	✓	Wine	✓
Lactic Acid 90%	✓	Lime Milk	✓	Diesel	✓	Bleach	✓	Beer	✓
Nitric Acid 10%	✓	Sodium Hydroxide 30%	✓	Kerosene	✓	Blood	✓	Ammonia	✓
Sulphuric Acid 50%	✓	Ammonia 10%	✓	White Spirit	✓	Hydrogen Peroxide 30%	✓	Mineral Oil	✓
Tartaric Acid 50%	✓	Aluminium Hydroxide	✓	Turpentine	✓	Sodium Chloride	✓	Antifreeze	✓

\*Third Party Test Certification available on request.

## Technical Profile

### APPLICATION SUITABILITY

✓ New Build      ✓ Refurbishment

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70°C

### FIRE RESISTANCE

EN 13501-1      B<sub>FL</sub>-s1

### SLIP RESISTANCE

BS 7976-2      Wet >40  
Dry >40

### WATER PERMEABILITY

Karsten Test      Nil (Impermeable)

### IMPACT RESISTANCE

EN ISO 6272      10 Nm

### COMPRESSIVE STRENGTH\*

EN 13892-2      60 N/mm<sup>2</sup>

### FLEXURAL STRENGTH\*

EN 13892-8      20 N/mm<sup>2</sup>

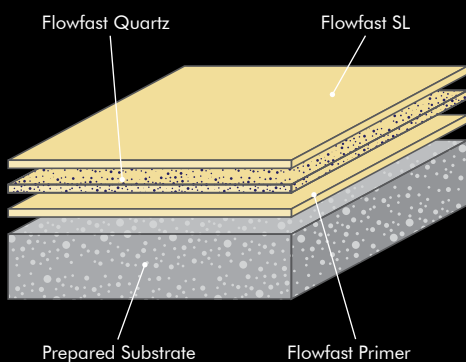
### BOND STRENGTH\*\*

EN 13892-8      >2.5 N/mm<sup>2</sup>

### SPEED OF CURE (PER COAT): 0-30°C\*\*\*

Walk on      1 hour

Full Traffic & Chemical Cure      2-3 hours



\*\*\* Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used.

\*\* Assumes concrete compressive strength is greater than 25 N/mm<sup>2</sup>

## Flowfast Quartz (4 mm)

Hard-wearing, fast curing MMA resin floor toppings made from decorative colour stable quartz granules in a clear resin binder.

Delivers a high performance, attractive flooring solution suited to a range of commercial environments subject to heavy pedestrian traffic.



### Fast Cure:

MMA additives speed up cure time, reducing construction schedules.



### Attractive:

Offers extensive design potential to deliver the wow-factor underfoot.



### Versatile:

Can be laid over existing hard surfaces such as tiles, marble or terrazzo.



### Seamless:

Delivers a hygienic seam-free surface that is easy to clean and maintain.



### Resistant:

Holds its own against impact, traffic and chemical attack.



# Flowfast Quartz Systems Available

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**Commercial Environments**  
Retail Outlets, Supermarkets  
& Leisure Facilities



**Industrial Environments**  
Factory Production Areas  
& Automotive Environments

## Classic

A hand trowelled fast track acrylic resin floor system that delivers a smooth satin finish. Offering impressive durability and superior impact resistance.



Superior chemical resistance



Impressive durability



Fast cure for reduced down time



**Commercial Environments**  
Leisure Facilities With Showers,  
Changing Rooms & Kitchens



**Industrial Environments**  
Industrial Changing Rooms  
& Kitchens

## Classic for Wet Areas

A hand trowelled fast track acrylic resin floor system with a textured satin finish. Delivering a slip resistant finish.



Resistant to heavy traffic



Easy to clean



Excellent slip resistance



**Commercial Environments**  
Commercial Kitchens  
& Canteens



**Industrial Environments**  
Industrial Kitchens  
& Production Areas

## Structure

A textured "scatter and seal" finish with quartz aggregate broadcast across the floor. The seamless textured finish delivers superior slip resistance for safety underfoot.



Superior chemical resistance



Easy to clean



Seamless hygienic finish

## Standard Colours\*

### Commercial Colours



Biscuit 102



Light Grey 701



Beige 101



Mid Grey 702



Grass Green 601



Dark Grey 703



Mid Blue 501



Black 901

### Industrial Colours



Red 301



Grey 704



Green 602



Cream 103



Blue 502



Yellow 104

\*The applied colours may differ from the examples shown and are not indicative of the full colour range. For a full colour chart and samples, contact your local Flowcrete office.

## Creative Freedom

Special colour blends are available, allowing for endless design potential whilst delivering that all important wow-factor underfoot.

## Technical Profile

### APPLICATION SUITABILITY

✓ New Build      ✓ Refurbishment

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

### FIRE RESISTANCE

EN 13501-1      C<sub>FL</sub>-s1

### WATER PERMEABILITY

Karsten Test      Nil (Impermeable)

### SLIP RESISTANCE

BS 7976-2      Dry >40  
Low slip potential

### CHEMICAL RESISTANCE

Contact your local Technical Department

### IMPACT RESISTANCE

ISO 6272      10 Nm

### WEAR RESISTANCE

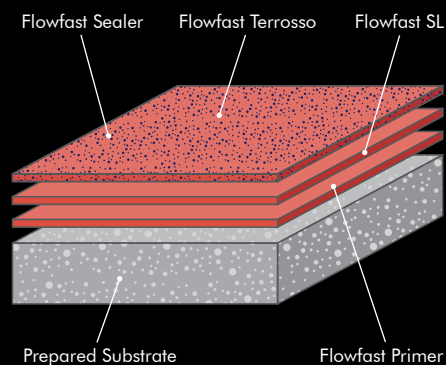
EN 13892-5      <1 cm<sup>3</sup>

### BOND STRENGTH

EN 13892-8      >2.5 N/mm<sup>2</sup>\*

### SPEED OF CURE (PER LAYER): 0-30°C\*\*

Walk on	1 hour
Full Traffic & Chemical Cure	2-3 hours



\*\*Assumes concrete compressive strength is greater than 25 N/mm<sup>2</sup>

## Flowfast Terroso (4 mm)

A seamless, decorative, durable MMA floor finish that delivers a fast track transformation for busy commercial environments.

Available in a choice of swatches, Flowfast Terroso offers extensive design potential with an attractive finish for high traffic retail environments.



### Fast Cure:

MMA additives speed up cure time, reducing construction schedules.



### Attractive:

Offers extensive design potential to deliver the wow-factor underfoot.



### Versatile:

Glitter flakes can be included within the resin to deliver a sparkling finish.



### Seamless:

Delivers a hygienic seam-free surface that is easy to clean and maintain.



### Hard-wearing:

Holds its own against impact, a variety of traffic and UV light.



### Chemical Resistant:

Withstands potentially corrosive cleaning agents and spillages.



\*\* Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

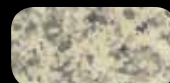


## Standard Colours\*

### 1-3 mm Flakes



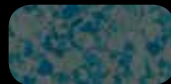
Cream 111



Beige 112



Red 311



Blue 511



Light Grey 711



Signal Grey 712



Mid Grey 713



Dark Grey 714

### 5-7 mm Flakes



Cream 111



Beige 112



Red 311



Blue 511



Light Grey 711



Signal Grey 712



Mid Grey 713

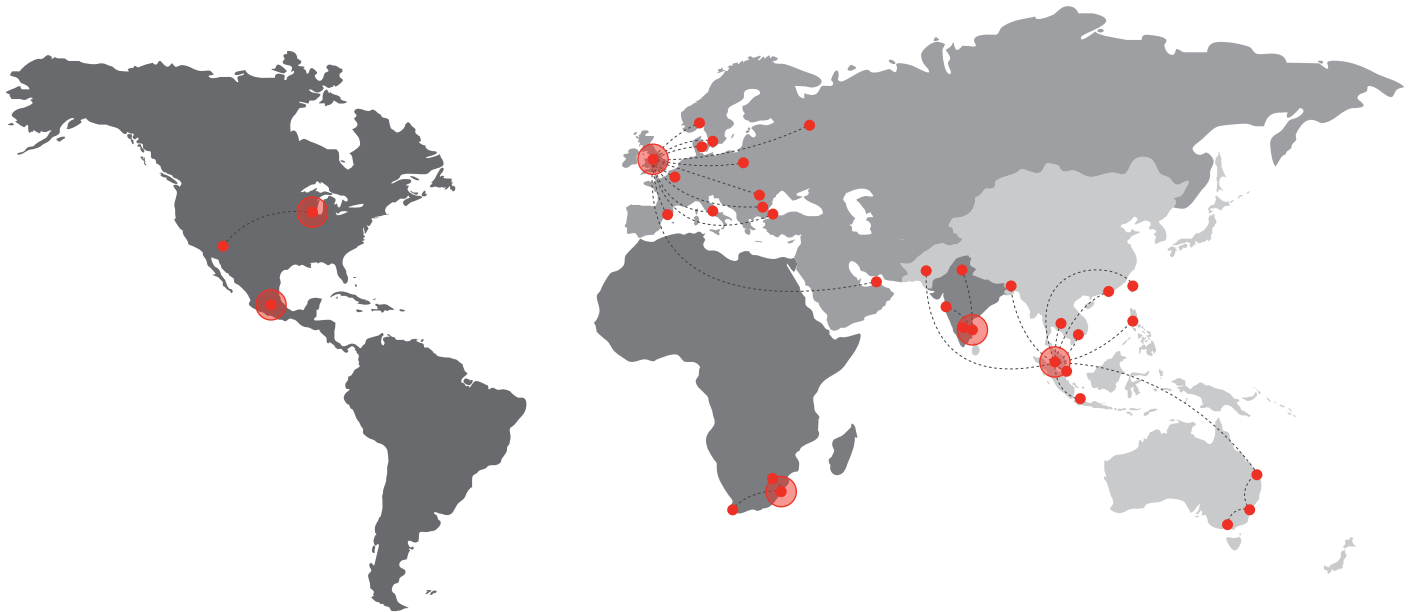


Dark Grey 714

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## Creative Freedom

Special colour blends are available, allowing for endless design potential whilst delivering that all important wow-factor underfoot.



## Flowcrete

World leader in seamless resin flooring solutions and other specialist coatings.

### Africa

South Africa +27 31 701 0017 southafrica@flowcrete.com

### Asia Pacific (APAC)

Australia	+61 7 3205 7115	australia@flowcrete.com
Bangladesh	+88 02 985 7222	bangladesh@flowcrete.com
Hong Kong	+852 2795 0478	hongkong@flowcrete.com
Indonesia	+62 21 252 3201	indonesia@flowcrete.com
Malaysia	+60 3 6277 9575	asia@flowcrete.com
Pakistan	+60 3 6277 9575	pakistan@flowcrete.com
Philippines	+63 2 834 6506	philippines@flowcrete.com
Singapore	+60 3 6277 9575	singapore@flowcrete.com
Taiwan	+60 3 6277 9575	taiwan@flowcrete.com
Thailand	+66 2539 3424	thailand@flowcrete.com
Vietnam	+84 28 6287 0846	vietnam@flowcrete.com

## Europe & Middle East (EME)

Bulgaria	+359 898 61 58 31	bulgaria@flowcrete.com
Denmark	+46 435 40 01 10	denmark@flowcrete.com
France	+33 1 60 61 74 42	france@flowcrete.com
Italy	+39 339 4853258	italy@flowcrete.com
Norway	+47 6486 0830	norway@flowcrete.com
Poland	+48 22 879 8907	poland@flowcrete.com
Romania	+40 766 596 991	romania@flowcrete.com
Russia	+7 916 931 3513	russia@flowcrete.com
Spain	+34 937 07 0872	spain@flowcrete.com
Sweden	+46 435 40 01 10	sweden@flowcrete.com
Turkey	+90 212 2946570	turkey@flowcrete.com
UAE	+971 4 886 4728	uae@flowcrete.com
UK	+44 (0) 1270 753 000	uk@flowcrete.com

### India

India +91 44 40176600 india@flowcrete.com

## North America

Mexico	+55 44 40 94 00	mexico@flowcrete.com
USA	+1 513-943-4225	americas@flowcrete.com