



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 Technical Profile



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 been gaining speed at a number of airports, shopping centres, residential developments, underground rail stations, stadia buildings and arena complexes across the globe.

Offering chemical, wear and slip resistance, Flowfast is also a popular choice with the food processing, mechanical, chemical and electronic goods industries where it's seamless, durable finish offers an excellent platform for hygiene and heavy industry.

Application Suitability



Retail



Education



Food & Beverage



Leisure



Offices



Healthcare

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 | ✓ |

Technical Profile

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

ABRASION RESISTANCE

BS8204-2

Class AR2

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

BOND STRENGTH

> 1.5mPa*

IMPACT RESISTANCE

ISO6272 (1kg)

> 1.8 m

ISO6272 (2kg)

> 1.5 m

SPEED OF CURE (PER LAYER)

Full Traffic & Chemical Cure

1 Hour

*Assumes concrete compressive strength is greater than 25N/mm²

Flowfast Terrosso (3 mm)

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

Comprising a blend of flakes in a choice of swatches, Flowfast Terrosso offers extensive design potential with an attractive finish.



Rapid installation and cure times



Seamless hygienic finish



Hard wearing and abrasion resistant

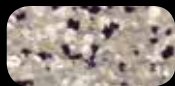
Standard Colours



Domino



Cobblestone



Quicksilver



Scarlett



Desert Tan



Ice Blue

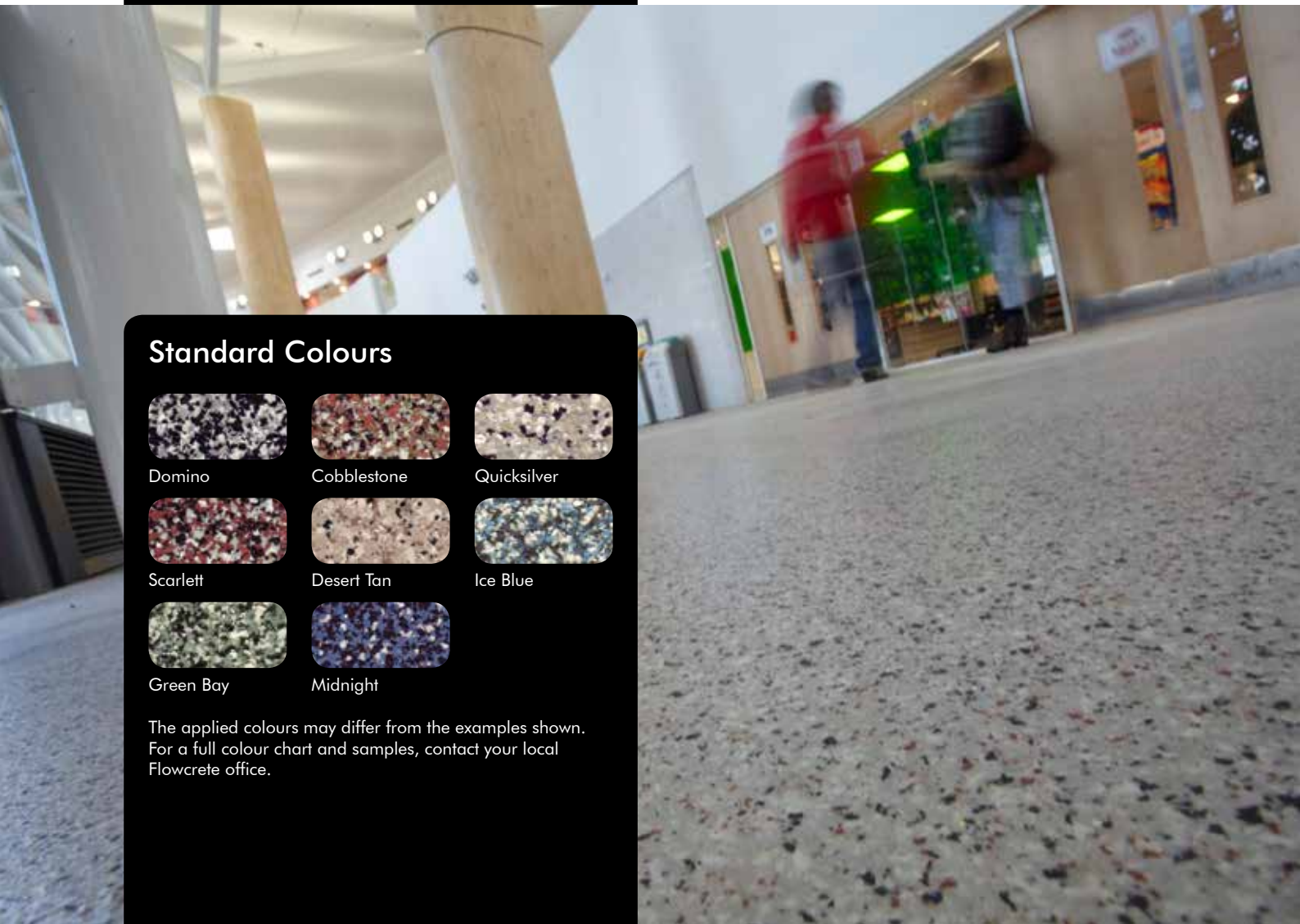


Green Bay



Midnight

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.



Standard Colours



Sandstone



Chestnut



Gingerbread



Dynamic Blue



Emerald Green



Scarlet Red



Light Grey



Dark Grey



Charcoal

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

Technical Profile

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70°C

ABRASION RESISTANCE

BS8204-2

Class AR1

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

SLIP RESISTANCE

BS 7976-2

(Pendulum Slip Test)

Dry 80

Wet 60

IMPACT RESISTANCE

ISO6272 (1kg)

>1.8 m

ISO6272 (2kg)

>1.5 m

SPEED OF CURE (PER LAYER)

Full Traffic & Chemical Cure

1 Hour

Flowfast Quartz Scatter (3 mm)

A hard-wearing, decorative, fast curing MMA resin floor topping made up of colour stable quartz granules in a clear resin binder.

Ideal for use in both commercial and industrial environments, Flowfast Quartz Scatter will stand up to any area of heavy traffic.



Rapid installation and cure times



Traffic, impact and chemical resistance



Traffic, impact and chemical resistance

Technical Profile

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70°C

ABRASION RESISTANCE

BS8204-2

Class AR1

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

CHEMICAL RESISTANCE

Good resistance to tea, coffee, cola, soaps and bleach

COMPRESSIVE STRENGTH

BS6319

60 N/mm²

IMPACT RESISTANCE

ISO6272 (1kg)

> 1.8 m

ISO6272 (2kg)

> 1.5 m

SPEED OF CURE (PER LAYER)

Full Traffic & Chemical Cure

1 Hour

Flowfast Quartz (4 mm)

A hard wearing, decorative 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, typically 90 minutes installation time to receive full traffic, therefore dramatically reducing down time.



Rapid installation and cure times



Flexible application on various substrates



Seamless hygienic finish

Standard Colours



Sandstone



Chestnut



Gingerbread



Dynamic Blue



Emerald Green



Scarlet Red



Light Grey



Dark Grey



Charcoal

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.



Standard Colours



Jet Black



Silver Grey



Sky Blue



Blue Grey



Signal Yellow



Sand Yellow



Leaf Green



Pale Green



Tomato Red

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.



Technical Profile

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

FIRE RESISTANCE

BS 476-7

L.U.L. Section 12

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

SLIP RESISTANCE

BS 7976-2

Dry >40
Low slip potential

COMPRESSIVE STRENGTH

BS 6319

>40 N/mm²

SPEED OF CURE: 0-30°C

Light Traffic

1 Hour

Full Traffic & Chemical Cure

2-3 Hours

Flowfast Rapid Transit SR (5 mm)

A fast track and fire resistant acrylic resin based flooring system that contains natural quartz aggregates, ideal for areas with heavy foot traffic.

Flowfast Rapid Transit SR offers a joint-free and positively textured coloured floor finish with exceptional chemical, wear and slip resistance.



Rapid installation and cure times



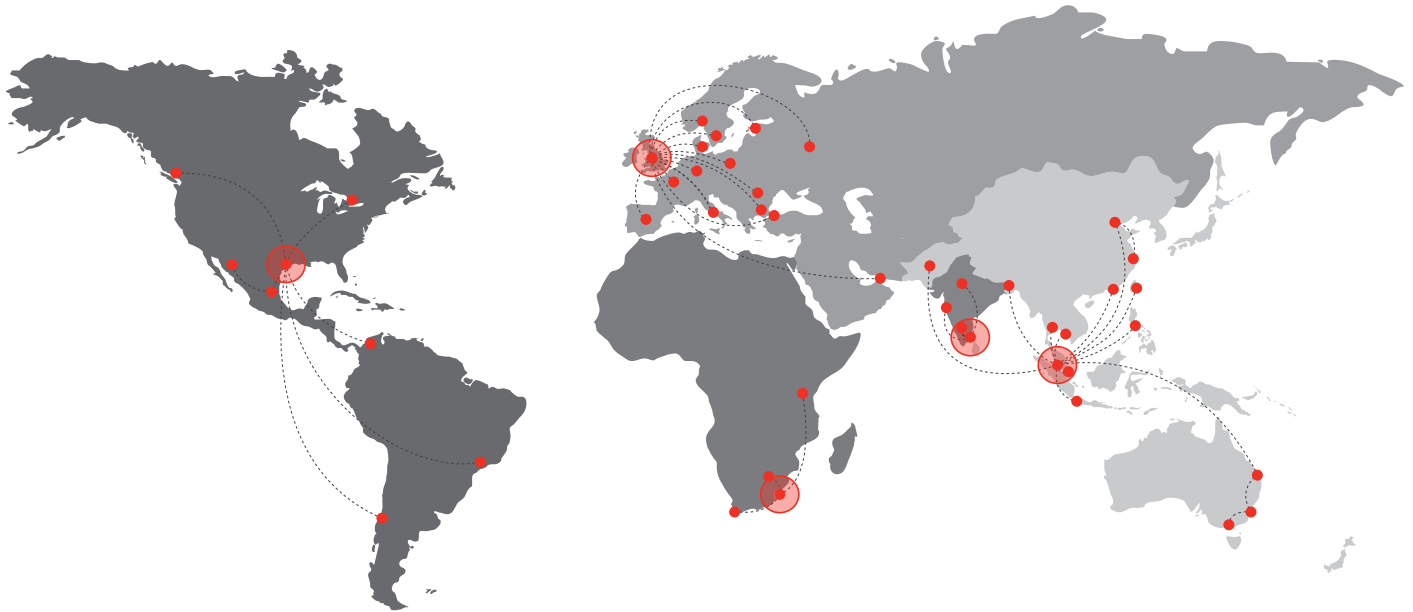
Fire resistant



Excellent resistance to UV light

System Products

| | DESCRIPTION | USES |
|--|--|--|
| Flowfast Standard Primer | A 2-component low viscosity MMA based primer for concrete and cementitious substrates. | Used for priming concrete, screeds and wood, prior to the installation of Deckshield Rapide or Flowfast resins. |
| Flowfast Asphalt Primer | A 2-component low viscosity MMA based primer for filled asphalt and bitumen substrates. | Used for priming asphalt or bitumen screeds prior to the installation of Flowfast resins. |
| Flowfast Ceramic / Metal Primer | A 2-component low viscosity MMA based primer for metal and ceramic tile substrates. | Used for priming metal and ceramic substrates prior to the of Deckshield Rapide or Flowfast resins. Not suitable for non-ferrous metals and Zinc. |
| Flowfast Damp Primer | A 2-component low viscosity MMA based primer designed for damp cementitious substrates. | Used for priming damp concrete and screeds prior to the installation of Deckshield Rapide or Flowfast resins. |
| Flowfast Standard Binder | A 2-component, clear, medium viscosity MMA based binder for Flowfast floor coatings. | Used as a binder, primarily in Flowfast systems with decorative aggregates and flakes. |
| Flowfast SL Binder | A 2-component, clear, medium viscosity MMA based binder with improved flow properties for self smoothing Flowfast floor coatings. | Used only as part of the Flowfast SL system. |
| Flowfast Flexible Binder | A 2-component, clear, medium viscosity MMA based elasticized binder for use with Flowfast floor coatings. | Used as a binder in the formulation of flexible membranes and coating systems that are to be exposed to sub zero temperatures. |
| Flowfast Cove Mix | A 2-component, clear, thixotropic MMA based binder for cove details. | Used with Flowfast resins containing quartz aggregates as a binder on cove details. Systems using Flowfast Cove Mix must always be treated with a Flowfast sealer. |
| Flowfast Standard Seal | A 2-component, UV-resistant, low viscosity MMA based sealer for Flowfast floor coatings. | Used as a general purpose sealer for smooth or lightly textured profiles, primarily in Flowfast systems with decorative aggregates and flakes. |
| Flowfast Flexible Seal | A 2-component, elastified, UV-resistant, low viscosity MMA based sealer for Flowfast floor coatings. | Used on elasticised Flowfast floor coatings or for outdoor applications. |
| Flowfast Cleaner | A clear liquid smoothing aid for the application of Flowfast mortar coatings. | Used to moisten the trowel during application of Flowfast mortar coatings. The product is also an excellent agent for cleaning application tools. |
| Flowfast F1 Repair Mortar - Cold Grade | A 2-component, ready to use, repair mortar, based on MMA resin - designed for cementitious substrates that have a RH up to 97% (to BS 8204). | Used to repair damages, holes and imperfections in concrete substrates. Can be used in machine bases, joint arises, drill and bolt holes. |



Flowcrete

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

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