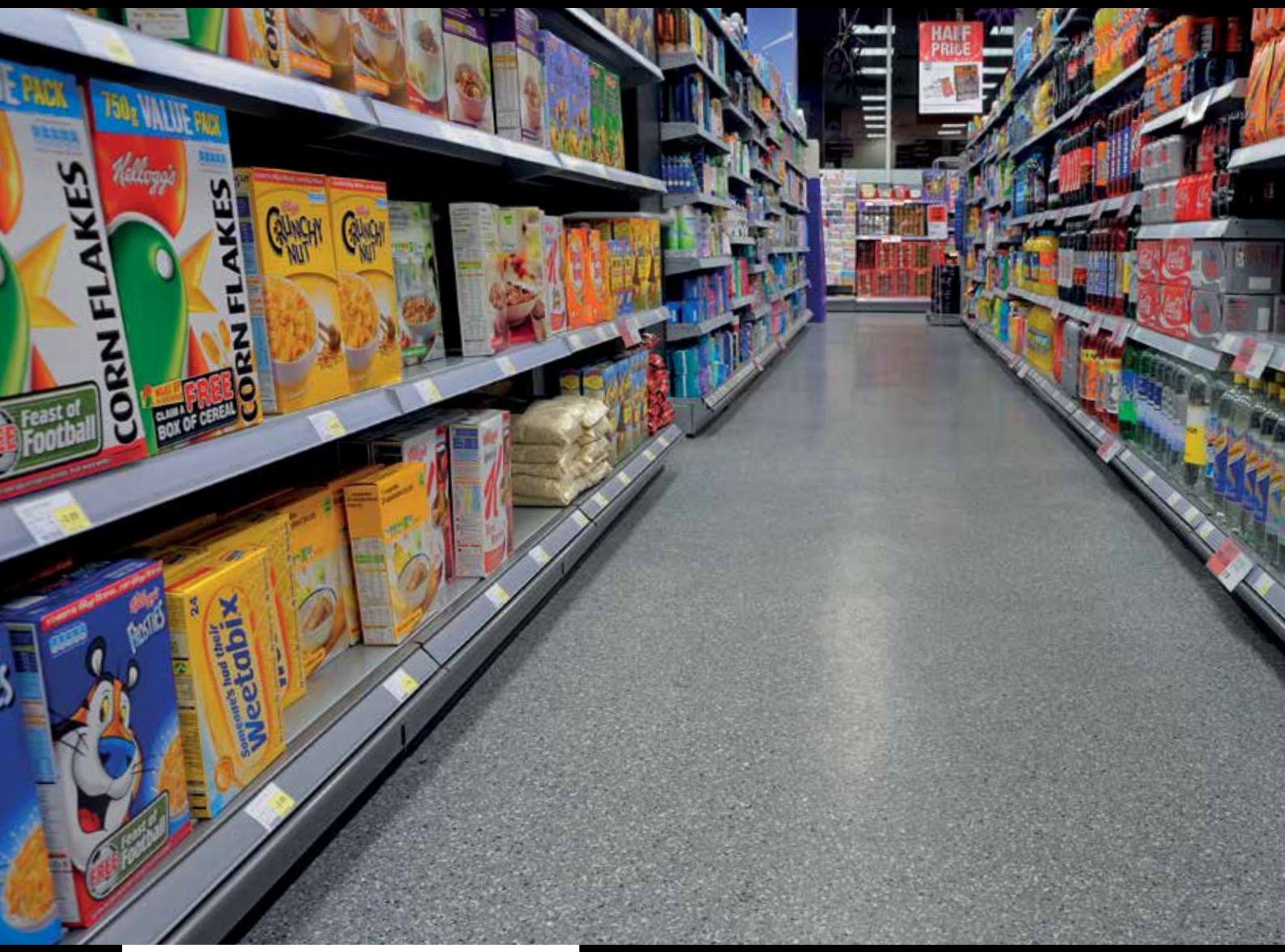
Flowcrete

for the world at your feet



FLOWFAST

Fast Track Transformations for:

- ✓ Retail
- ✓ Education
- ✓ Food & Beverage
- ✓ Leisure
- ✓ Offices
- ✓ Healthcare

www.flowcrete.co.uk

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.

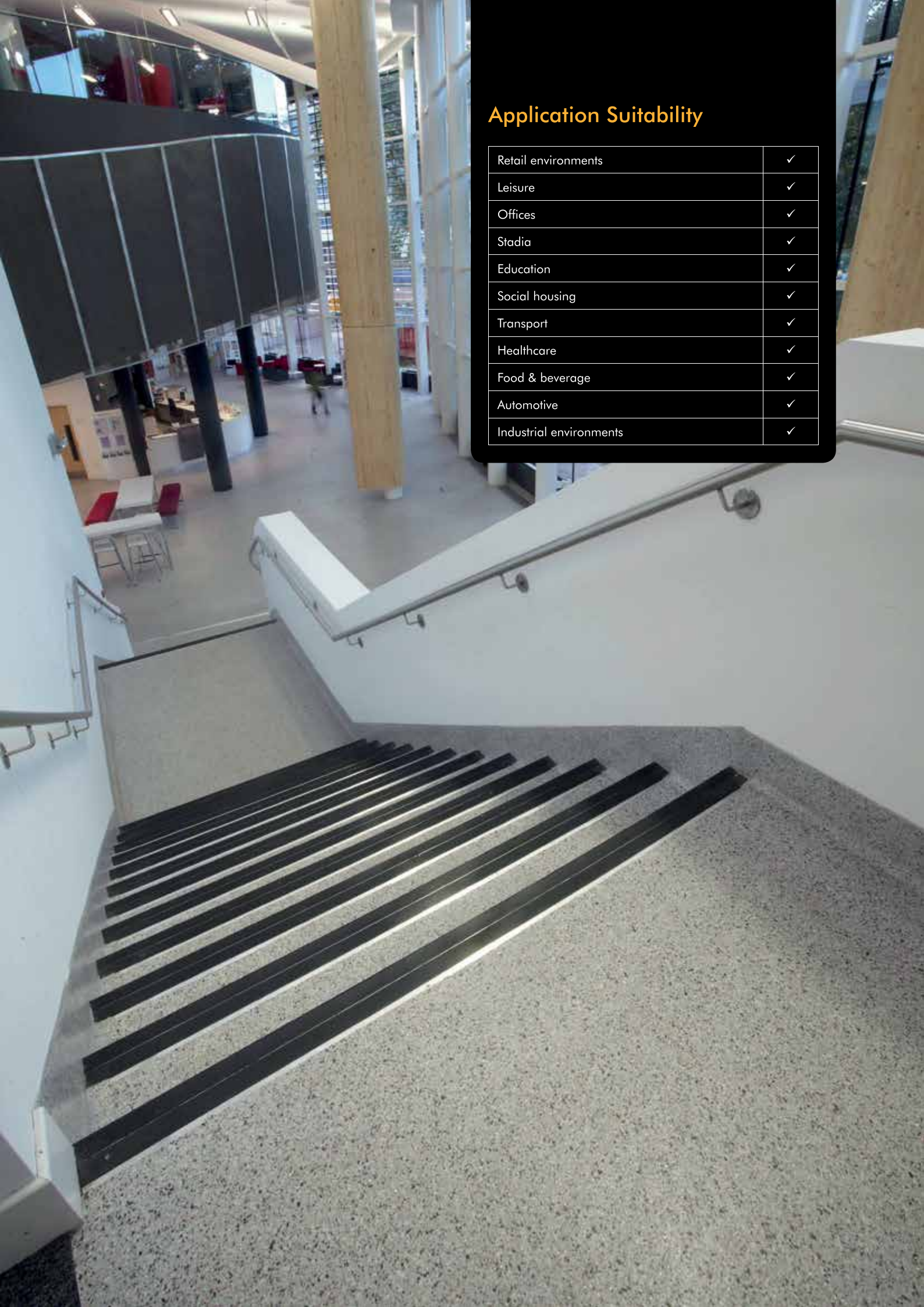
The range offers complete flexibility of design, with the capability to apply the finishes in bespoke patterns for a totally personalised, attractive flooring solution.

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.



Application Suitability

Retail environments	✓
Leisure	✓
Offices	✓
Stadia	✓
Education	✓
Social housing	✓
Transport	✓
Healthcare	✓
Food & beverage	✓
Automotive	✓
Industrial environments	✓

Standard Colours*

1–3mm Flakes

Cream 111

Beige 112

Red 311

Blue 511

Light Grey 711

Signal Grey 712

Mid Grey 713

Dark Grey 714

5–7mm Flakes

Cream 111

Beige 112

Red 311

Blue 511

Light Grey 711

Signal Grey 712

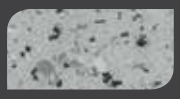
Mid Grey 713

Dark Grey 714

*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. Please contact your local Flowcrete office for further information.



Flowfast Terrosso (4mm)

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

Available in a choice of swatches, Flowfast Terrosso 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.

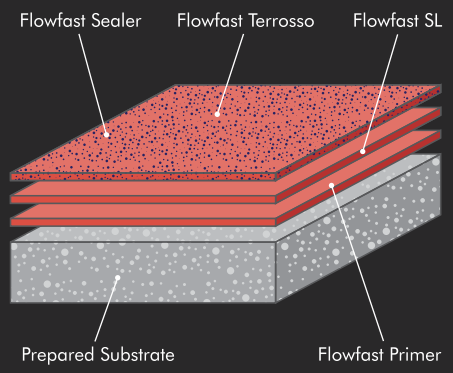
Chemical Resistant:
Withstands potentially corrosive cleaning agents and spillages.

Technical Profile

APPLICATION SUITABILITY	
✓ New Build	✓ Refurbishment

TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
FIRE RESISTANCE	
EN 13501-1	C_{FL}-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	<1cm³
BOND STRENGTH	
EN 13892-8	>2.5 N/mm²*

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/mm²

** 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.

Flowfast Quartz (4mm)

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.

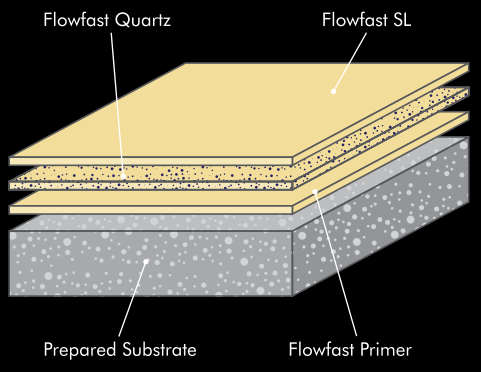
Resistant:
Holds its own against impact, traffic and chemical attack.

Technical Profile

APPLICATION SUITABILITY	
✓ New Build	✓ Refurbishment

TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 70°C	
FIRE RESISTANCE	
EN 13501-1	B_{FL}-s1
SLIP RESISTANCE	
BS 7976-2	Dry >40
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
IMPACT RESISTANCE	
EN ISO 6272	IR10.0
COMPRESSIVE STRENGTH	
BS 6319	>60 N/mm²
FLEXURAL STRENGTH	
BS 6319	20 N/mm²
BOND STRENGTH	
>1.5 MPa*	

SPEED OF CURE (PER COAT): 0-30°C**	
Walk on	1 Hour
Full Traffic & Chemical Cure	2–3 Hours



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

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Commercial Flowfast Quartz Systems

Classic

A hand trowelled fast track acrylic resin floor system that delivers a smooth satin finish.

Offering impressive durability, owing to its superior impact resistance, Flowfast Quartz Classic is ideally suited to use in busy commercial spaces subject to sustained foot traffic and daily cleaning and maintenance regimes, such as retail outlets, supermarkets and department stores as well as education and dry leisure facilities.

Classic for Wet Areas

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

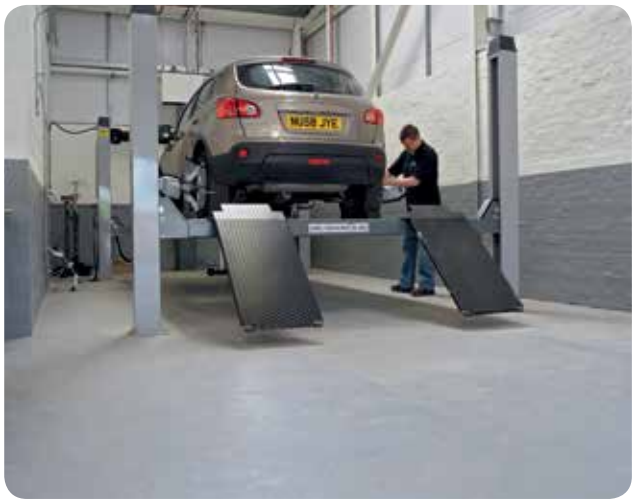
Delivering a slip resistant finish alongside high chemical resistance, Flowfast Quartz Classic for Wet Areas is particularly ideal for use in busy leisure facilities with showers, changing rooms, kitchens, and canteens where floors are subject to high volumes of pedestrian traffic and regular cleaning and maintenance regimes.

Structure

A textured "scatter and seal" finish with quartz aggregate broadcast across the floor before being sealed with a satin seal coat.

The textured finish of Flowfast Quartz Structure delivers superior slip resistance for safety underfoot. The seamless application provides an ideal flooring solution for commercial kitchens and canteens where the floor is subject to chemical spillages such as oils, sugars and aggressive cleaning agents.

Industrial Flowfast Quartz Systems



Classic

A hand trowelled fast track acrylic resin floor system that delivers a smooth satin finish.

Offering impressive durability owing to its superior impact and chemical resistance, Flowfast Quartz Classic is ideally suited for use in industrial spaces subject to high volumes of pedestrian and vehicular traffic as well as chemical spillages, such as automotive environments and factory production areas.

Classic for Wet Areas

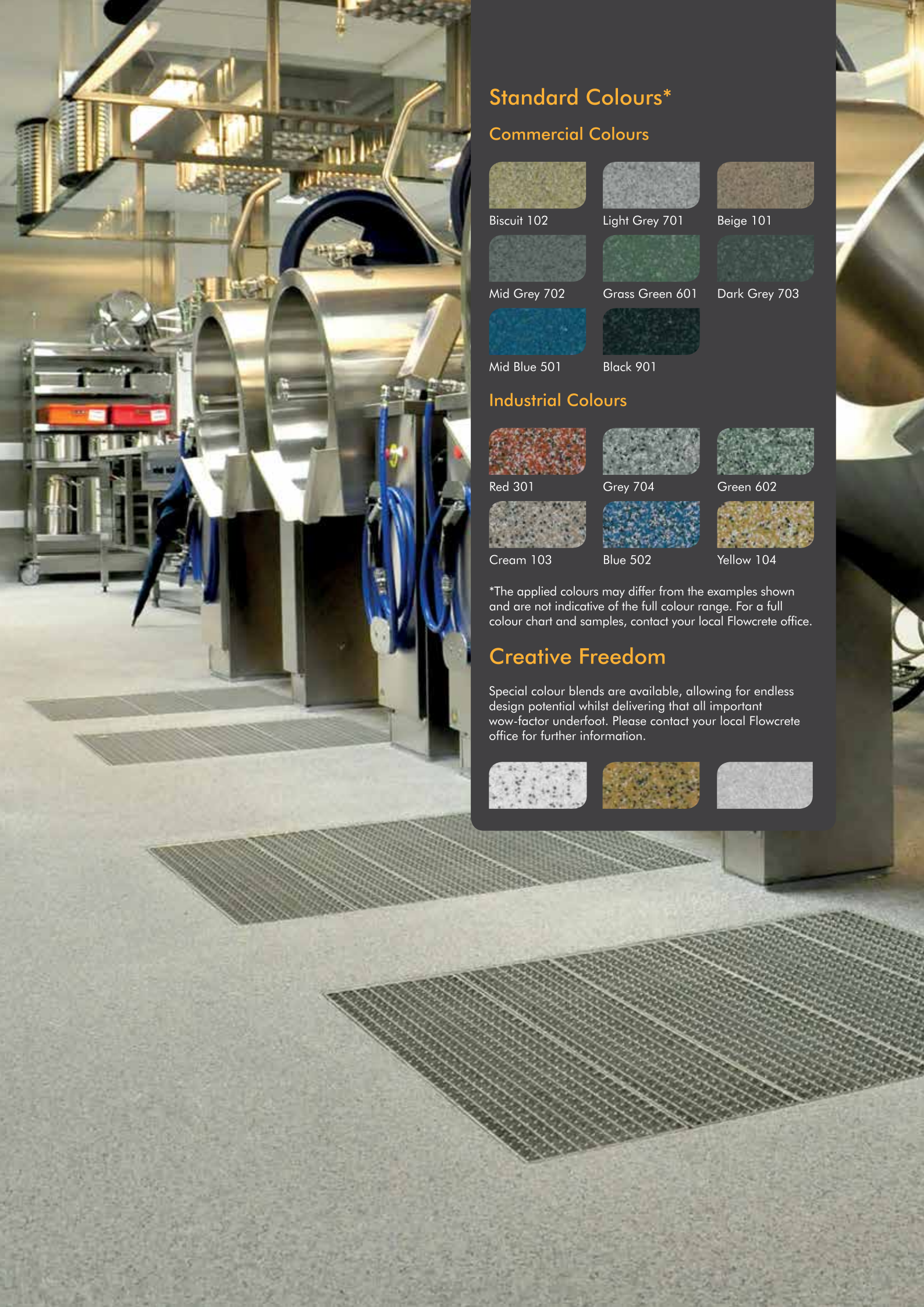
A hand trowelled fast track acrylic resin floor system with a textured satin finish.

Delivering a slip resistant finish alongside high chemical resistance, Flowfast Quartz Classic for Wet Areas is particularly ideal for industrial changing rooms and kitchens where floors are subject to heavy pedestrian traffic, water and aggressive cleaning agents from regular cleaning and maintenance regimes.

Structure

A textured "scatter and seal" finish with quartz aggregate broadcast across the floor before being sealed with a satin seal coat.

The textured finish of Flowfast Quartz Structure delivers superior slip resistance. A seamless application and high resistance properties makes this solution ideal for industrial kitchens and production areas where floors are subject to frequent cleaning regimes and chemical spillages.



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. Please contact your local Flowcrete office for further information.

Flowfast Rapid Transit SR
(5mm)

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.

Fast Cure:
MMA additives speed up cure time, reducing construction schedules.

Fire Resistant:
Ideal for use in areas of paramount fire safety. Fire resistant to L.U.L. Section 12.

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

Resistant:
Holds its own against impact, traffic and chemical attack.

UV Stable:
Has an excellent resistance profile to UV light.

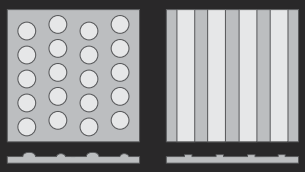
Technical Profile

COMPRESSIVE STRENGTH	
BS 6319	>40 N/mm²
FLEXURAL STRENGTH	
BS 6319	>20 N/mm²
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
FIRE RESISTANCE	
BS 476-7	L.U.L. Section 12

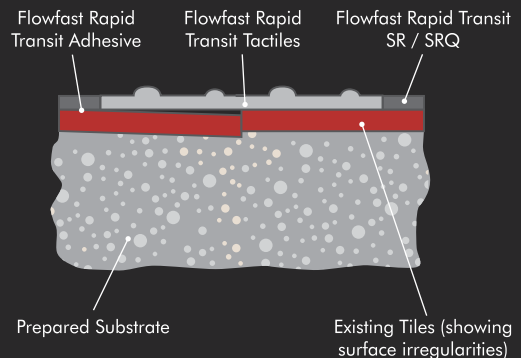
SPEED OF CURE (PER LAYER): 0-30°C**	
Full Traffic	1 Hour
Full Chemical Cure	1 Hour

Flowfast Rapid Transit Tactiles
(400mm × 400mm)

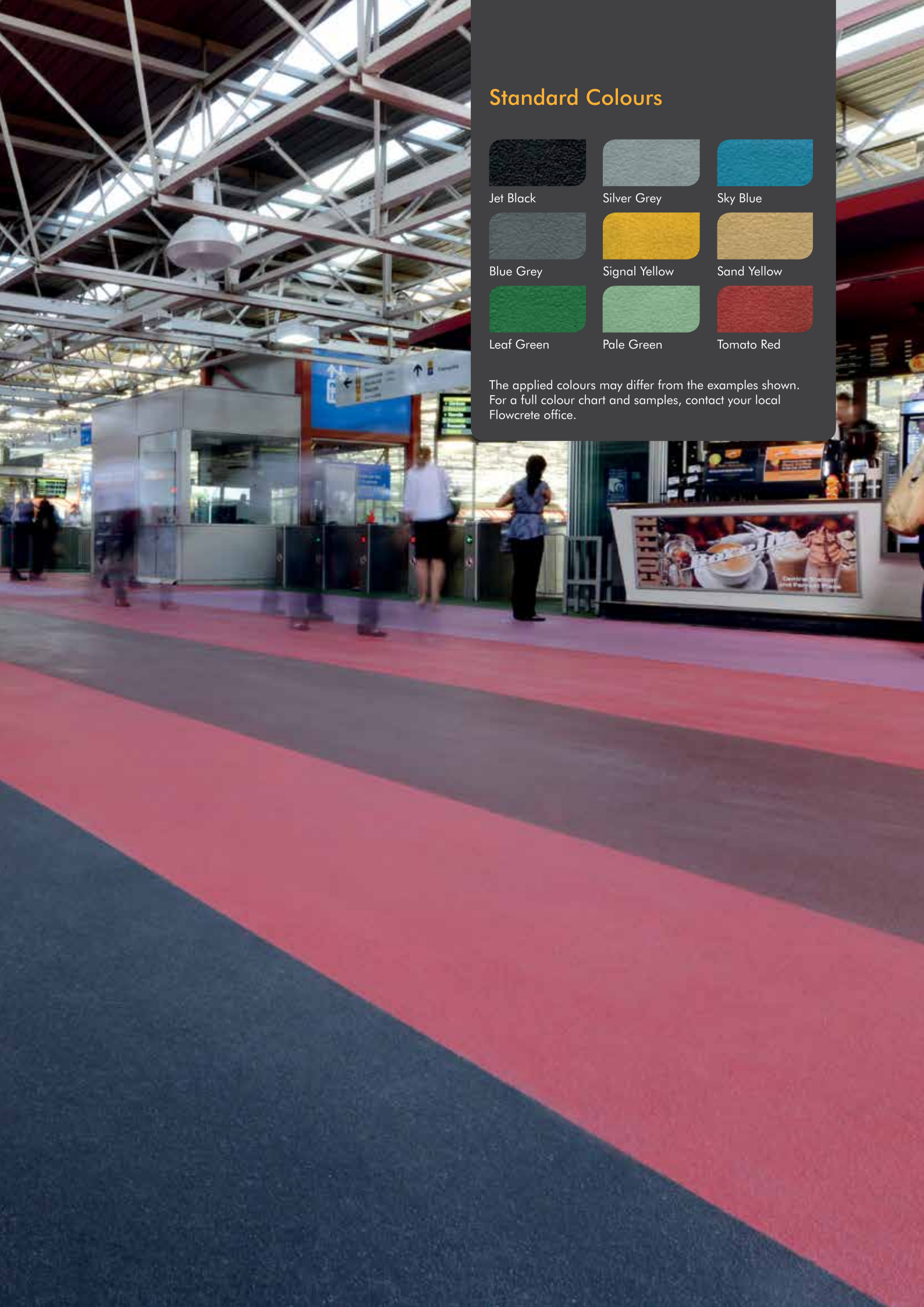
Flexible acrylic resin based floor tiles with raised studs or cords.



Blister Tactile Corduroy Tactile



** 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

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.

Flowcrete

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Flowcrete Group

Flowcrete Group Ltd is the world's leading specialist in seamless resin flooring, screeds and other coating technologies, with operations across five continents.

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