

FLOWFAST

Fast Track Transformations for:

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

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.

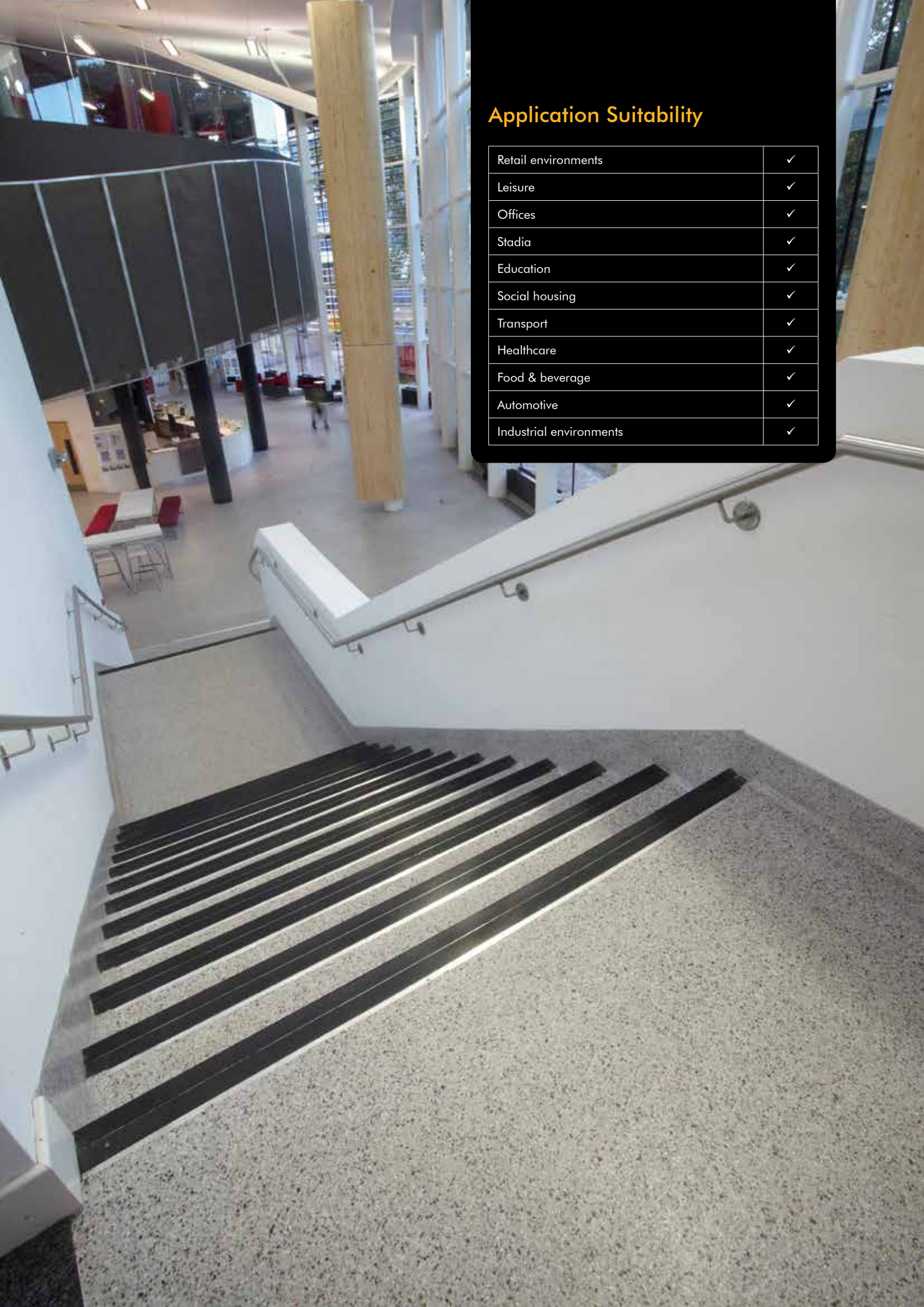
The range offers complete flexibility of design, with the capability to apply the finishes in bespoke patterns for a totally personalised, attractive flooring solution.

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

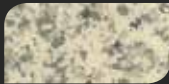
Retail environments	✓
Leisure	✓
Offices	✓
Stadia	✓
Education	✓
Social housing	✓
Transport	✓
Healthcare	✓
Food & beverage	✓
Automotive	✓
Industrial environments	✓

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



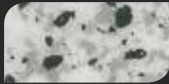
Beige 112



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.



Technical Profile

APPLICATION SUITABILITY

✓ New Build	✓ Refurbishment
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TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

FIRE RESISTANCE

EN 13501-1	C _{FL} -s1
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WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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SLIP RESISTANCE

BS 7976-2	Dry >40 Low slip potential
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CHEMICAL RESISTANCE

Contact your local Technical Department

IMPACT RESISTANCE

ISO 6272	10 Nm
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WEAR RESISTANCE

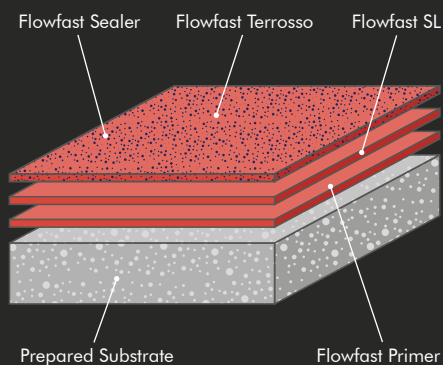
EN 13892-5	<1cm ³
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BOND STRENGTH

EN 13892-8	>2.5 N/mm ² *
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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

Flowfast Terroso (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 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.

Technical Profile

APPLICATION SUITABILITY

✓ New Build	✓ Refurbishment
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TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70°C

FIRE RESISTANCE

EN 13501-1	B _{FL} -s1
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SLIP RESISTANCE

BS 7976-2	Dry >40
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WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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IMPACT RESISTANCE

EN ISO 6272	IR10.0
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COMPRESSIVE STRENGTH

BS 6319	>60 N/mm ²
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FLEXURAL STRENGTH

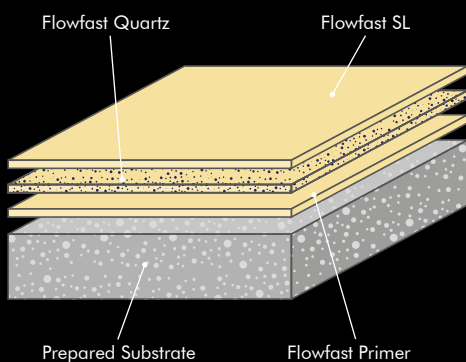
BS 6319	20 N/mm ²
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BOND STRENGTH

>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

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.



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*

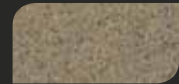
Commercial Colours



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

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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/mm ²
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FLEXURAL STRENGTH

BS 6319	>20 N/mm ²
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TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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SLIP RESISTANCE

BS 7976-2	Dry >40 Low slip potential
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FIRE RESISTANCE

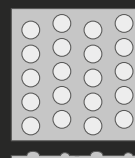
BS 476-7	L.U.L. Section 12
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SPEED OF CURE (PER LAYER): 0-30°C**

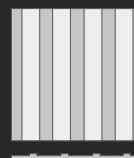
Full Traffic	1 Hour
Full Chemical Cure	1 Hour

Flowfast Rapid Transit Tactiles (400mm × 400mm)

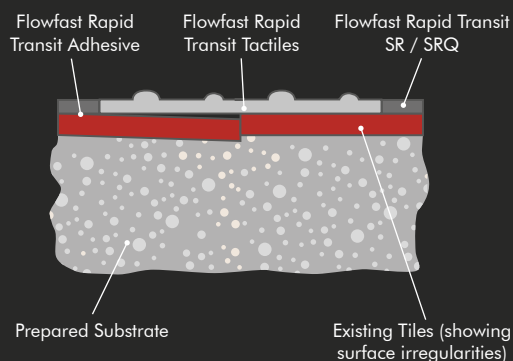
Flexible acrylic resin based floor tiles with raised studs or cords.



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

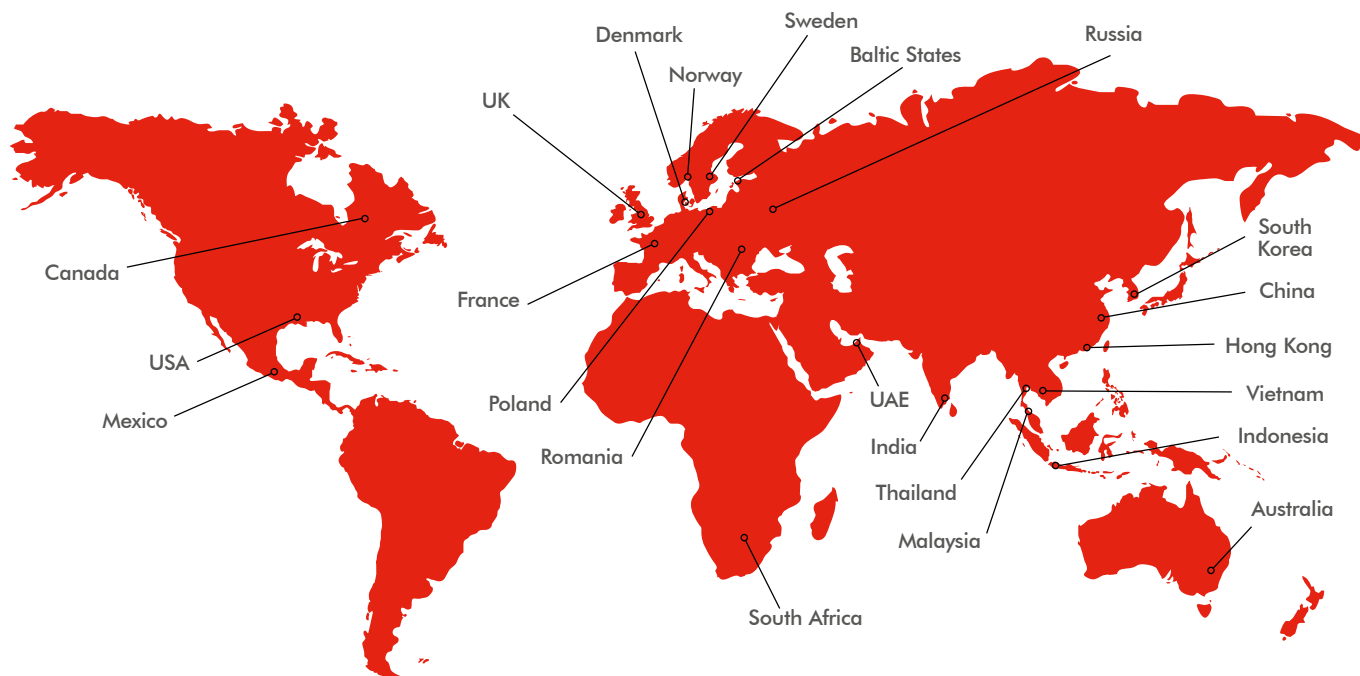


Pale Green



Tomato Red

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*Partner Company

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