



## COMMERCIAL FLOORING

- ▶ Combine colour, performance and design to deliver a durable floor finish in commercial venues and retail environments.

# Commercial Flooring Technical Profile

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Flowcrete's Commercial Flooring range has been developed to deliver the ultimate in aesthetic appeal, without compromising on performance.

Available in a range of attractive smooth, flaked and stone finishes, our seamless resin flooring solutions provide an appealing surface underfoot.

Durable formulations take heavy footfall and exposure to detergents and corrosive agents in their stride, ideally suited to busy public venues that might be subject to spillages and daily cleaning regimes. Added benefits of impressive slip resistance, noise reduction and versatility result in a range of flooring solutions ideally suited to a variety of commercial environments.

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## Application Suitability



Retail



Railways & Airports



Stadia



Education & Offices



Leisure



Healthcare

## Standard Colours



Coral Tree



Deep Fir



Palm Leaf



Red Wood



Sand Dune



Wheatfield

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

#### RUSTIK

Tolerant of sustained temperatures up to 60°C

#### RUSTIK UV

Tolerant of sustained temperatures up to 65°C

### SLIP RESISTANCE

TRRL Pendulum Slip Test

Dry >40  
Wet 36

### BOND STRENGTH

> 1.5MPa\*

### COMPRESSIVE STRENGTH

BS 6319

> 30N/mm<sup>2</sup>

### SPEED OF CURE

Light Traffic

10°C

36 hrs

20°C

24 hrs

30°C

16 hrs

Full Traffic

72 hrs

48 hrs

36 hrs

Full Chemical Cure

12 days

7 days

6 days

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

## Rustik & Rustik UV (6 mm)

Rustik and Rustik UV are colourful natural stones encapsulated in a clear resin binder.

While Rustik is ideal for use in car showrooms, offices, restaurants, retail boutiques and leisure facilities, Rustik UV's UV stable, aliphatic resin binder makes the system suitable in a range of outdoor commercial applications.



Attractive, natural stone finish



Rapid installation



Resists abrasion and chemical attack

For a full Technical Profile, contact your local Technical Department.

## Technical Profile

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

### FIRE RESISTANCE

BS 476-7 Spread of Flame	Class 2
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### SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry >40
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### ABRASION RESISTANCE

BS 204-2	Grade AR2
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### COMPRESSIVE STRENGTH

BS 6319	>55 N/mm <sup>2</sup>
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### SPEED OF CURE

	10 °C	20 °C	30 °C
Light Traffic	24 hrs	20 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	6 days

## Mondéco Crystal (6 mm)

A highly decorative, seamless epoxy terrazzo flooring system incorporating recycled clear glass aggregates within the formulation.

Boasting impressive durability, the terrazzo system can deliver extended life cycles when compared with other flooring materials.



Contains recycled material



Aesthetically pleasing



Unique, bespoke designs



Highly durable for extended lifecycles

## Standard Colours

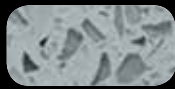
### Mondéco Crystal



Diamond



Yellow



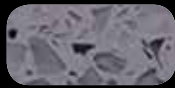
Aquamarine



Green



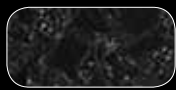
Blue



Violet



Grey



Ebony

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 60°C

### FIRE RESISTANCE

BS 476-7 Spread of Flame	Class 2
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### SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry >40
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### COMPRESSIVE STRENGTH

BS 6319	>55 N/mm <sup>2</sup>
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### FLEXURAL STRENGTH

BS 6319	>20 N/mm <sup>2</sup>
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SPEED OF CURE	10 °C	20 °C	30 °C
Light Traffic	24 hrs	20 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	6 days

## Mondéco Earth (6 mm)

A highly decorative, seamless epoxy terrazzo flooring system incorporating granite and flint aggregates within the formulation.

Boasting impressive durability, the terrazzo system can deliver extended life cycles when compared with other flooring materials.



Aesthetically pleasing



Unique, bespoke designs



Highly durable for extended lifecycles

## Flowfresh SRQ (4 mm)

A positively textured, quartz-based polyurethane floor system.

Containing the antimicrobial Poygiene® additive, the ultra-hygienic coating delivers extreme resistance to traffic and chemicals..



Proven antimicrobial performance



High chemical resistance



Easy to clean and sterilise



Textured anti-slip surface

## Technical Profile

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70°C

### FIRE RESISTANCE

BS 476-7 Spread of Flame	Class 2
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### SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry >60 Wet >45
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### WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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SPEED OF CURE	10 °C	20 °C	30 °C
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	10 days	7 days	6 days

## Technical Profile

<b>TEMPERATURE RESISTANCE</b>			
Tolerant of sustained temperatures up to 60°C			
<b>FIRE RESISTANCE</b>			
BS EN 13501-1	Class C <sub>fi</sub> s1		
<b>SLIP RESISTANCE</b>			
TRRL Pendulum Slip Test	Dry >40		
<b>WATER PERMEABILITY</b>			
Karsten Test	Nil (Impermeable)		
<b>COMPRESSIVE STRENGTH</b>			
BS 6319	>60 N/mm <sup>2</sup>		
<b>SPEED OF CURE</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	6 days

## Peran STB (3–4 mm)

A hard-wearing, decorative coating with quartz beads in a clear resin.

The positively textured floor system is ideal for use in both wet and dry environments.



Excellent abrasion and impact resistance



Decorative floor finish



High scratch resistance



Easy to clean and maintain

## Flowtex TQ (4 mm)

A hard wearing, decorative epoxy floor coating system comprising colour stable quartz granules in a clear resin binder.

The seamless, positively textured finish reduces the risk of slips and trips.



Decorative, attractive finish



Excellent abrasion and impact resistance



Seamless, easy to clean finish

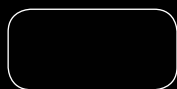


Resists chemicals and cleaning agents

## Technical Profile

<b>TEMPERATURE RESISTANCE</b>			
Tolerant of sustained temperatures up to 60°C			
<b>FIRE RESISTANCE</b>			
BS EN 13501-1	Class C <sub>fi</sub> s1		
<b>SLIP RESISTANCE</b>			
TRRL Pendulum Slip Test	Dry >40		
<b>WATER PERMEABILITY</b>			
Karsten Test	Nil (Impermeable)		
<b>COMPRESSIVE STRENGTH</b>			
BS 6319	>60 N/mm <sup>2</sup>		
<b>SPEED OF CURE</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	6 days

## Standard Colours



Jet Black



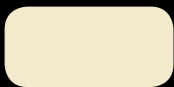
Signal White



Pebble Grey



Light Grey



Oyster White



Light Blue

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 40°C

### FIRE RESISTANCE

DIN 4102

Class 1 <50mm

### SLIP RESISTANCE

BS 7976-2

Dry >40

### ABRASION RESISTANCE

BS 8204-2

Class AR2

### SPEED OF CURE

	10°C	20°C	30°C
Light Traffic	48 hrs	24 hrs	16 hrs
Full Traffic	96 hrs	48 hrs	48 hrs
Full Chemical Cure	14 days	5 days	4 days

## Peran Comfort (2-3 mm)

Peran Comfort is a self-smoothing flexible polyurethane floor coating with an attractive, matt finish.

The colourful system is suitable for areas subject to intense traffic, including offices, retail boutiques, shopping centres, education facilities and hospitals.



Attractive and colourful floor finish



UV resistant



Self-smoothing



Hard-wearing

## Technical Profile

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

### FIRE RESISTANCE

BS 476-7  
Surface Spread of Flame      Class 2

### SLIP RESISTANCE

BS 7976-2      Dry > 40

### ABRASION RESISTANCE

BS 8204-2      Class AR2

### COMPRESSIVE STRENGTH

BS 6319      55 N/mm<sup>2</sup>

### SPEED OF CURE

	10 °C	20 °C	30 °C
Light Traffic	24 hrs	12 hrs	6 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	12 days	7 days	7 days

## Peran SL (2–3 mm)

A colourful, glossy, self-smoothing resin floor coating system ideal for a contemporary minimalist interior design scheme.

The hard wearing finish of this attractive system resists degradation from sustained traffic and chemical attack.



Attractive, colourful finish



Seamless, easy to clean finish



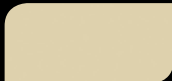
Hard wearing and durable



## Standard Colours



Grey 222



Beige 326



Mid Grey 280



Green 740



Sky Blue 452



Yellow 340



Tile Red 637

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



## Technical Profile

FIRE RESISTANCE	
EN 13501-1	C <sub>ii</sub> -s1
SLIP RESISTANCE	
BS 7976-2 (typical values for 4-S rubber slider)	Dry > 40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
ABRASION RESISTANCE	
BS8204-2	Class AR2 (Medium duty industrial and commercial)
BOND STRENGTH	
> 1.5 MPa*	
SPEED OF CURE	
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

(Thickness dependent on specification)

A seamless, decorative methyl methacrylate resin flooring system.

Installed rapidly and offering fast cure times as low as 1 hour, the floor coating system transforms environments on the fast track.



Fast curing and rapid installation



Attractive, decorative finish



Flexible application on varied substrates



Durable and resistant finish

## Flowfast Kristalina

(Thickness dependent on specification)

A sparkling methyl methacrylate resin floor coating system.

Combining functionality, shimmering style and rapid installation, the quick-cure floor coating system is the ideal choice for commercial facilities.



Fast curing and rapid installation



Attractive, decorative finish



Flexible application on varied substrates



Durable and resistant finish

## Technical Profile

SLIP RESISTANCE	
BS 7976-2 (typical values for 4-S rubber slider)	Dry > 40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
ABRASION RESISTANCE	
BS8204-2	Class AR2 (Medium duty industrial and commercial)
BOND STRENGTH	
> 1.5 MPa*	
IMPACT RESISTANCE	
EN ISO 6272	10Nm
SPEED OF CURE	
Walk on	1 hour
Full traffic & chemical cure	2 - 3 hours

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

For a full Technical Profile, contact your local Technical Department.

## Technical Profile

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

### FIRE RESISTANCE

BS 476-7 Surface Spread of Flame	Class 2
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### SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry >40
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### ABRASION RESISTANCE

BS 8204-2	Class AR2
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### SPEED OF CURE

	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	12 days	7 days	6 days

## Urban Expressions

(Thickness dependent on specification)

A smooth, decorative polyurethane resin floor finish available in a single tone or muted, chic multi-tonal finish.

Both finish options deliver a design statement at floor level, sure to complement modern interior design schemes.



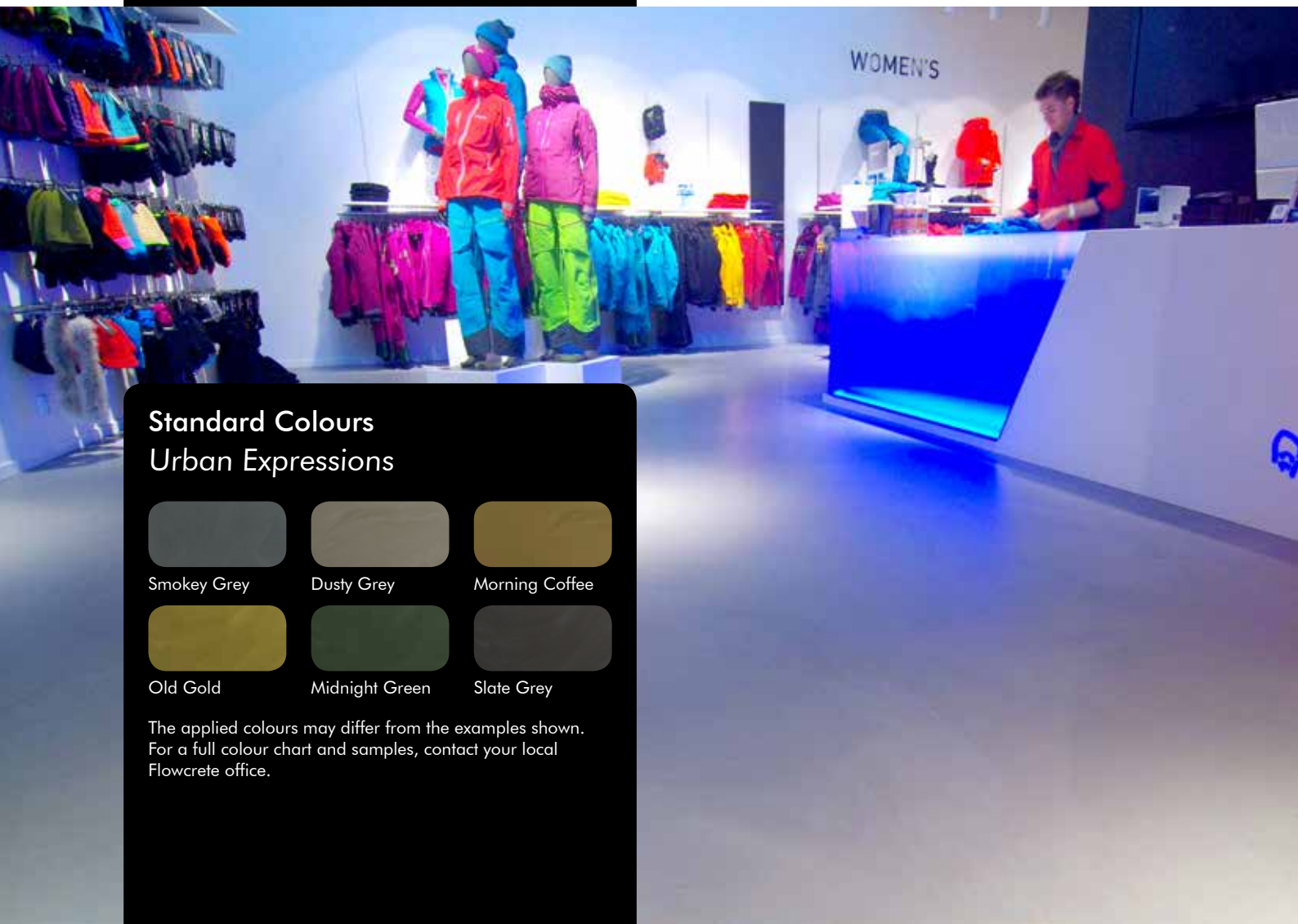
Natural, artistic aesthetic



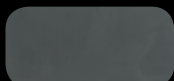
Seamless, easy to clean finish



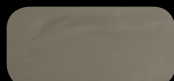
Resists abrasion and chemical attack



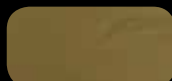
## Standard Colours Urban Expressions



Smokey Grey



Dusty Grey



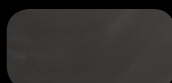
Morning Coffee



Old Gold



Midnight Green



Slate Grey

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

## Standard Colours Metallic Expressions



Blue Lagoon



Coffee



Cosmo



Grey Goose



Sangria



Merlot



Mojito



Latte

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 60°C

### FIRE RESISTANCE

BS 476-7  
Surface Spread of Flame

Class 1

### SLIP RESISTANCE

TRRL Pendulum Slip Test

Dry >40

### BOND STRENGTH

> 1.5 MPa\*

### SPEED OF CURE\*

	10 °C	20 °C	30 °C
Light Traffic	24 hrs	12 hrs	6 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	12 days	7 days	7 days

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

## Metallic Expressions

(Thickness dependent on specification)

A highly decorative, hard wearing, advanced polyurea floor finish that provides a unique metallic finish.

The seamless finish is installed using specialist application techniques to create a molten metal effect across the surface of the floor.



Versatile design potential



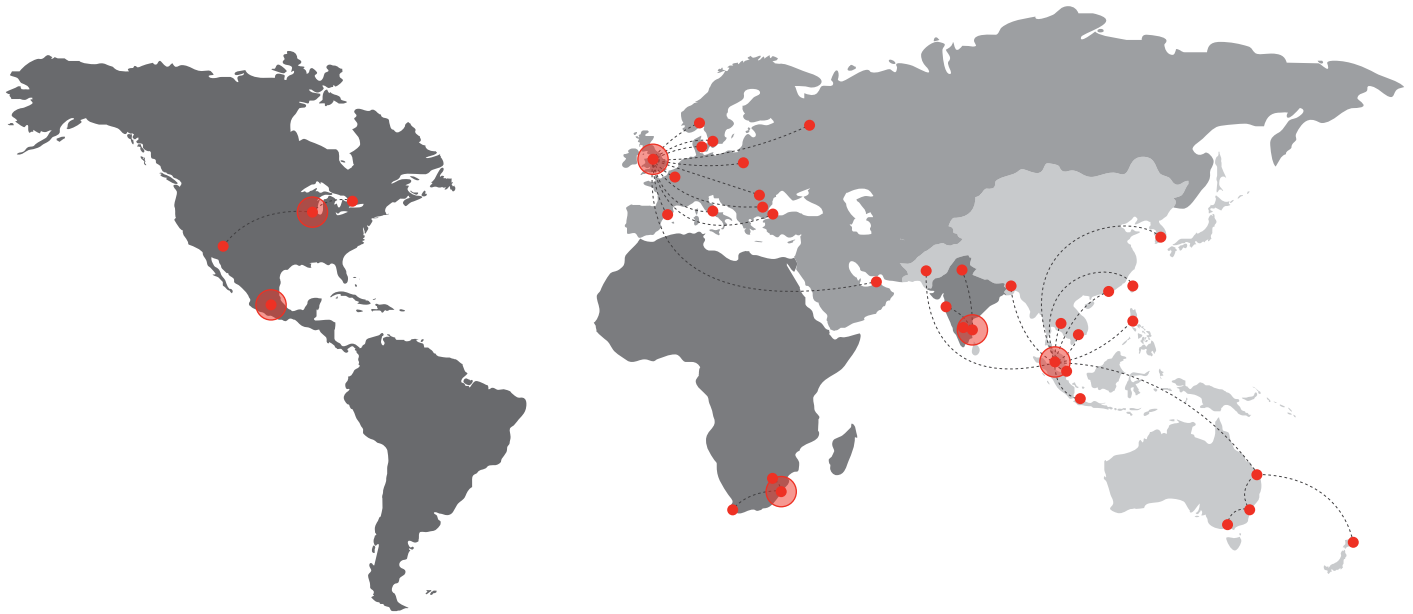
Exceptional wear resistance



Seamless, easy to clean finish



UV light stable



## Flowcrete

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

### Africa

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