



## COMMERCIAL FLOORING

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

# Commercial Flooring Range

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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 like spilled coffee and sugars 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.



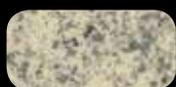
Flowcrete's range of commercial resin flooring systems meet FeRFA and BS 8204-6 resin types. For more details, visit [www.ferfa.org.uk](http://www.ferfa.org.uk)



## Standard Colours



Cream 111



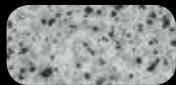
Beige 112



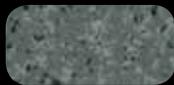
Blue 511



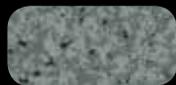
Red 311



Light Grey 711



Mid Grey 713

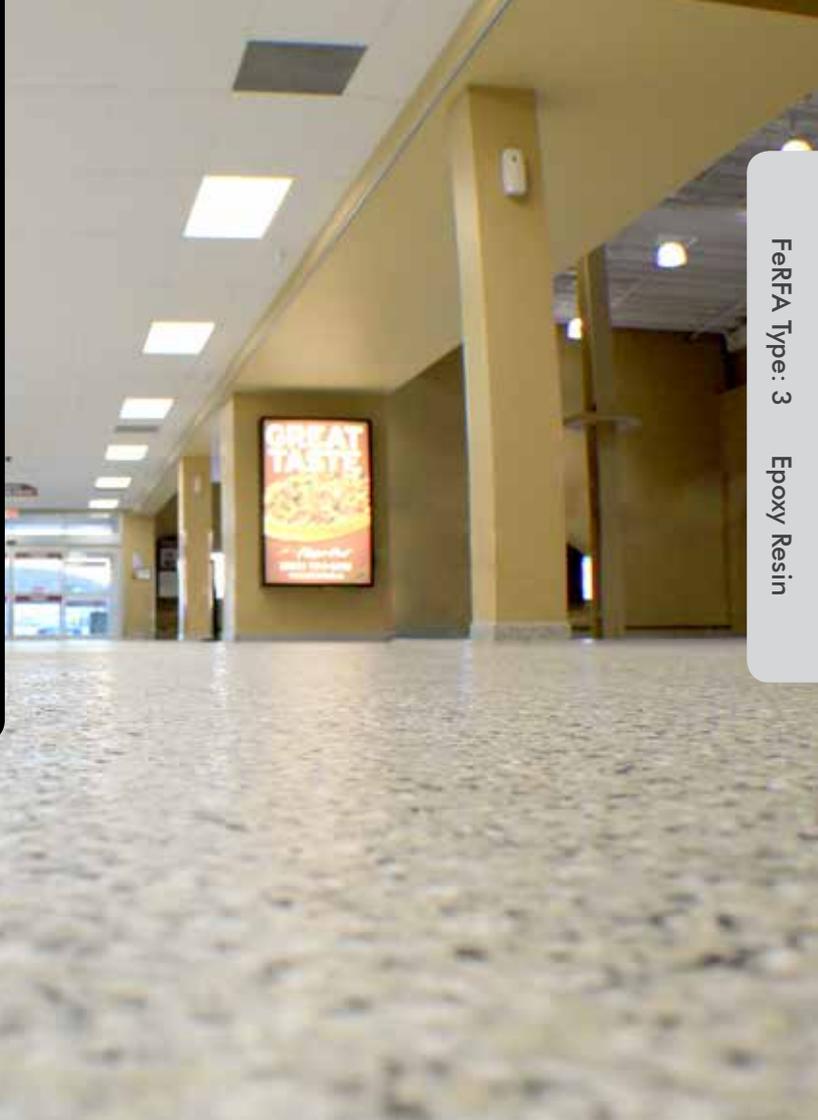


Signal Grey 712



Dark Grey 714

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



## Technical Profile

### SLIP RESISTANCE

BS 7976-2  
(typical values for 4-S  
rubber slider)

Dry >40 Low slip potential  
(in accordance with HSE  
and UKSRG guidelines)

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

### ABRASION RESISTANCE

EN ISO 5470-1  
Taber Abrader, H22 wheel,  
1000 cycles, 1 kg load

110 mg loss

### IMPACT RESISTANCE

EN ISO 6272

6 Nm

### WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

### BOND STRENGTH

EN 13892-8

>2.5 N/mm<sup>2</sup>

## Peran Floor Flakes (1 mm)

A vibrant, attractive, seamless & hygienic coating containing flakes in a resistant gloss or matt clear sealer.

Peran Floor Flakes offers extensive design potential with a textured, slip resistant finish.



Chemical resistant



Aesthetically attractive



Hard wearing



Hygienic



Seamless

# The Comfort Range

Comfort Flooring combines a cushioned vinyl effect with a seamless, hygienic and durable finish.



Flowcrete's modern floor finishes for industrial and commercial facilities deliver aesthetics, functionality and durability — all of which are important factors for the location's overall success.



### Aesthetically Attractive:

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



### Noise Reduction:

Helps to minimise noise from foot traffic in busy commercial spaces.



### Resistant:

Withstands foot traffic, cleaning agents and spillages.



### Seamless:

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

## Standard Colours



Signal White  
Peran



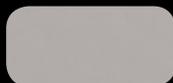
Pebble Grey  
Peran



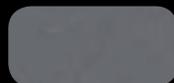
Light Grey  
Peran



Oyster White  
Peran



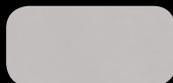
Dusty Grey  
Flowshield



Graphite Grey  
Flowshield



Silk Grey  
Flowshield



Signal Grey  
Flowshield

\*Peran Comfort & Peran CHD. \*\*Flowshield Comfort & Flowshield CHD. The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.



# Technical Profile: The Comfort Range

	<b>Peran Comfort (2–3 mm)</b>	<b>Peran CHD (1.5–2.5 mm)</b>	<b>Flowshield Comfort (2–3 mm)</b>	<b>Flowshield CHD (1.5–2.5 mm)</b>
<b>TEMPERATURE RESISTANCE</b>	Tolerant of sustained temperatures up to 40°C	Tolerant of sustained temperatures up to 40°C	Tolerant of sustained temperatures up to 50°C	Tolerant of sustained temperatures up to 50°C
<b>FIRE RESISTANCE</b> EN 13501-1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1
<b>SLIP RESISTANCE</b>	Dry >40 low slip potential	Dry 65 low slip potential Wet 27 moderate slip potential	Dry 57 low slip potential Wet 15 high slip potential	Dry 57 low slip potential Wet 15 high slip potential
<b>IMPACT RESISTANCE</b> EN ISO 6272	IR20	IR20	IR20	IR20
<b>WEAR RESISTANCE</b> EN 13892-5	RWA300	RWA300	RWA10	RWA10
<b>WATER PERMEABILITY</b> Karsten Test	Nil (impermeable)	Nil (impermeable)	Nil (impermeable)	Nil (impermeable)
<b>BOND STRENGTH</b> EN 13892-8	B2.0	B2.0	B2.0	B2.0
<b>FERFA TYPE</b> BS 8204-6	5	5	5	5
<b>RELEASE OF CORROSIVE SUBSTANCES</b>	SR (Synthetic resin screed)	SR (Synthetic resin screed)	SR (Synthetic resin screed)	SR (Synthetic resin screed)
<b>SHORE HARDNESS</b> EN ISO 7619-1	A: 80	D: 60	A: 80 D: 40	D: 65
<b>SPEED OF CURE</b> Full Chemical Cure at 20°C	7 days	7 days	7 days	7 days
<b>M1 CERTIFIED / VOC EMISSIONS</b> EN 16402	ISO 16000-9 & CEN/TS 16516	ISO 16000-9 & CEN/TS 16516	ISO 16000-9 & CEN/TS 16516	ISO 16000-9 & CEN/TS 16516

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

## Technical Profile

### SLIP RESISTANCE

BS 7976-2	Dry >40 Low slip potential
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Peran STB is also available with increased slip resistance for wet areas. Please contact your local Technical Department for further information.

### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

### IMPACT RESISTANCE

EN ISO 6272	15 Nm
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### COMPRESSIVE STRENGTH

EN 13892-2	>40 N/mm <sup>2</sup>
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### WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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### BOND STRENGTH

EN 13892-8	>2.5 N/mm <sup>2</sup>
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### FIRE RESISTANCE

EN 13501-1	B <sub>fl</sub> -s1
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### FLEXURAL STRENGTH

EN 13892-2	>15 N/mm <sup>2</sup>
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### TENSILE STRENGTH

BS 6319-7	>10 N/mm <sup>2</sup>
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### VAPOUR PERMEABILITY

ASTM E96:90	1.36 g / m <sup>2</sup> / mm / 24 hrs
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### WEAR RESISTANCE

EN 13892-5	RWA1
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### CHEMICAL RESISTANCE

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

### SPEED OF CURE

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

## Peran STB Classic (4 mm)

Peran STB Classic is a hard-wearing, hand trowelled system with a decorative matt finish, consisting of coloured quartz granules encapsulated in a clear resin binder.

With high scratch, chemical and abrasion resistance, Peran STB Classic is ideal for use in indoor commercial venues, including pools surrounds, boutiques, hotels and leisure facilities.



#### Attractive:

Offers a decorative finish to deliver the wow-factor underfoot.



#### Hard-wearing:

Holds its own against sustained foot traffic in busy commercial spaces.



#### Slip Resistant:

A textured finish significantly reduces the risk of slips and trips.



#### Seamless:

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

## Standard Colours



Biscuit 102



Light Grey 701



Beige 101



Mid Grey 702



Grass Green 601



Dark Grey 703



Mid Blue 501



Black 901



## Additional Peran STB Systems

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### Peran STB Compact

Laid at a thickness of 3 mm, this power trowel applied system is a popular choice for those areas of a commercial space where the floor will be exposed to sustained foot traffic and regular cleaning. Ideal for indoor use.

### Peran STB Public

A 3mm hard wearing, decorative resin floor topping with colour stable quartz granules encapsulated in a clear low emission resin binder. Peran STB Public is a seamless scatter and power trowel system with a matt finish.



### Peran STB Structure

A 3 mm hard wearing, decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear resin binder. Peran STB Structure is a scatter and seal system with a textured matt finish.

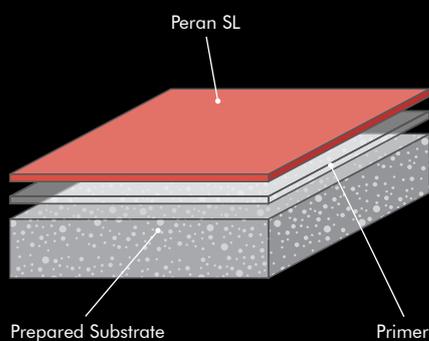
### Peran STB Classic for Wet Areas

This 5 mm, hand trowelled system is textured to create an anti-slip surface that will help to minimise slips and fall in areas prone to excessive water exposure and spillages such as kitchens, showers, changing rooms and pool surrounds.



## Technical Profile

SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
IMPACT RESISTANCE	
EN ISO 6272	15 Nm
COMPRESSIVE STRENGTH	
EN 13892-2	55 N/mm <sup>2</sup>
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
EN 13892-8	>2.5 N/mm <sup>2</sup>
FIRE RESISTANCE	
EN 13501-1	B <sub>fl</sub> -s1
FLEXURAL STRENGTH	
EN 13892-2	35 N/mm <sup>2</sup>



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

## Peran SL (2 mm)

Peran SL delivers a glossy, durable and self-smoothing finish with a minimalist, contemporary aesthetic.

Suitable for use in areas with intensive pedestrian traffic such as shops, department stores, airport concourses and restaurants.

- 
**Attractive:**  
Offers extensive design potential to deliver the wow-factor underfoot.
- 
**Bright:**  
Available in a range of vivid swatches for a contemporary finish.
- 
**Hard-wearing:**  
Holds its own against sustained foot traffic in busy commercial spaces.
- 
**Chemical Resistant:**  
Withstands potential spillages of mildly corrosive cleaning agents.
- 
**Seamless:**  
Delivers a hygienic seam-free surface that is easy to clean and maintain.

## Standard Colours



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

# Rustik (8–12 mm)

Rustik contains decorative marble or natural aggregates in a clear resin for a contemporary slip resistant finish.

Ideal for interior public places needing a wow-factor underfoot such as designer outlets, showrooms, offices, reception areas and more.



### Attractive:

Natural looking finishes available in a large range of colours.



### Fast Track:

Rapid installation to reduce construction schedules and downtime.



### Hard-wearing:

Holds its own against abrasion, impact and chemical spillage.



### Noise Reduction:

Helps to minimise noise from foot traffic in busy commercial spaces.



### Versatile Application:

Rustik can be applied vertically to create feature walls with impact.

## Standard Colours



**Black**  
Glamourstone



**Green**  
Glamourstone



**Beige**  
Glamourstone



**Dark Grey**  
Glamourstone



**Pink**  
Glamourstone



**Red**  
Glamourstone



**White**  
Glamourstone



**Light**  
Natural Stone



**Golden Pea**  
Natural Stone



**Silver Granite**  
Natural Stone



**Yellow Gravel**  
Natural Stone

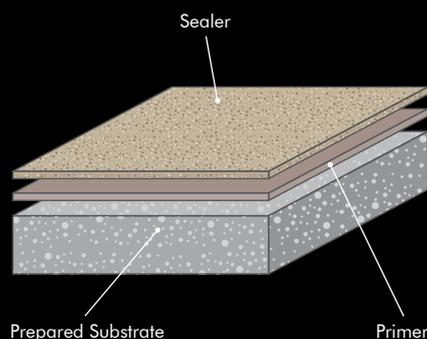
The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

## Technical Profile

SLIP RESISTANCE	
BS 7976-2 (typical values for 4-S rubber slider)	Dry >40 Low slip potential (in accordance with HSE and UKSRG guidelines)
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
ABRASION RESISTANCE	
BS 8204-2	Class AR2 Medium duty industrial and commercial.
IMPACT RESISTANCE	
EN ISO 6272	1 kg weight >1.8 metres 2 kg weight >1.5 metres
COMPRESSIVE STRENGTH	
BS 6319	50 N/mm <sup>2</sup>
BOND STRENGTH	
> 1.5 MPa*	
FIRE RESISTANCE	
SITAC	Class G Certificate No 1721/75
FLEXURAL STRENGTH	
BS 6319	10 N/mm <sup>2</sup>

SPEED OF CURE**	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	24 hrs
Full Traffic	72 hrs	48 hrs	48 hrs
Full Chemical Cure	12 days	7 days	7 days

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



# Naturewalk (3–18 mm)

Naturewalk are seamless, slip resistant gravel systems designed to surface outdoor areas.

Both systems see a mix of stone aggregates bonded or bound respectively in a polyurethane resin binder. Ideal for both indoor and outdoor use.



UV stable to reduce discolouring



Attractive colours and design flexibility



Excellent slip-resistant profile



Durable, withstands heavy footfall

## Technical Profile

### SLIP RESISTANCE

BS 7976-2  
(typical values for 4-S rubber slider)

Dry >40, Wet >40  
Low slip potential  
(in accordance with HSE and UKSRG guidelines)

### TEMPERATURE RESISTANCE

Softens over 70°C, hardens on cooling

### ABRASION RESISTANCE

Dependant upon aggregate selection  
Use bauxite for heavier duty wear and vehicular traffic

### IMPACT RESISTANCE

EN ISO 6272

1 kg weight >1.8 metres  
2 kg weight >1.5 metres

### WATER PERMEABILITY

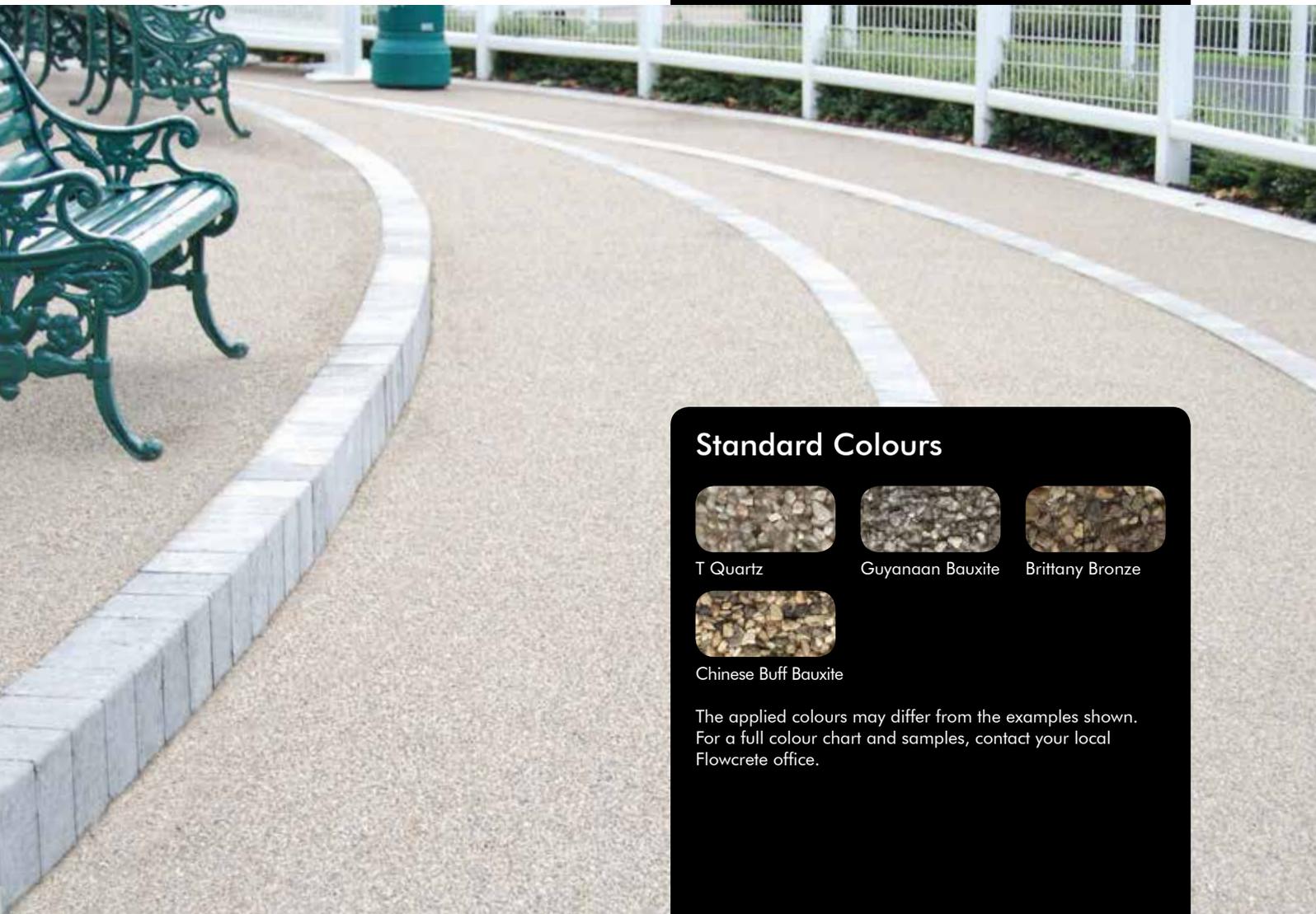
Karsten Test

Nil (Impermeable)

### BOND STRENGTH

> 1.5 MPa\*

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



## Standard Colours



T Quartz



Guyanaan Bauxite

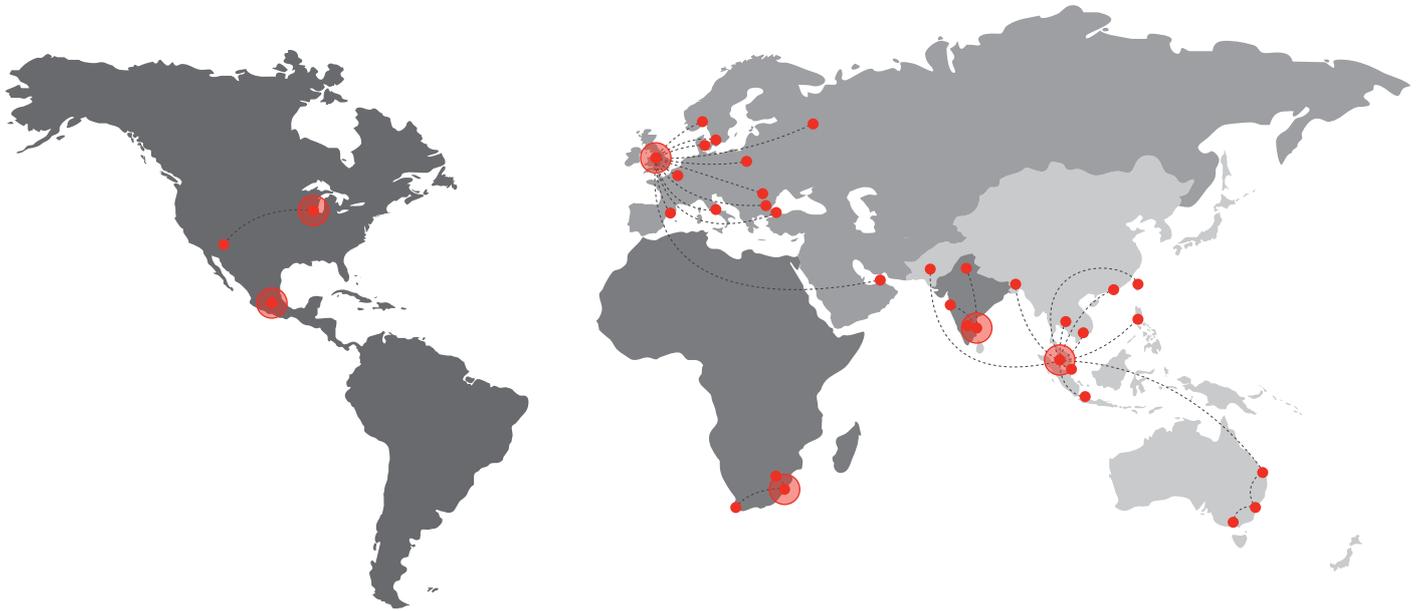


Brittany Bronze



Chinese Buff Bauxite

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



## 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