Flowcrete

for the world at your feet

COMMERCIAL FLOORING

High Performance Decorative Resin Flooring for:

- ✓ Retail
- ✓ Railways & Airports
- ✓ Stadia
- ✓ Healthcare
- ✓ Education & Offices
- ✓ Leisure

www.flowcrete.co.uk

Commercial Flooring Range

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.

Flowcrete's range of commercial resin flooring systems meet FeRFA resin types. For more information, visit **www.ferfa.org.uk**

FeRFA The Resin Flooring Association

FeRFA Type: 3 Epoxy Resin

Peran Floor Flakes (1mm)

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.

Standard Colours (with Flowseal EPW Colours)

Grey 1923
(uses Goosewing Grey 222)

Grey 1924
(uses Goosewing Grey 222)

Green 3923
(uses Emerald Green 740)

Blue 2923
(uses Sky Blue 452)

Blue 2914
(uses Sky Blue 452)

Yellow 4913
(uses White 050)

Red 5914
(uses Goosewing Grey 222)

Red 5923
(uses Goosewing Grey 222)

The applied colours may differ from the examples shown.
For physical samples, contact your local Flowcrete office.

Technical Profile

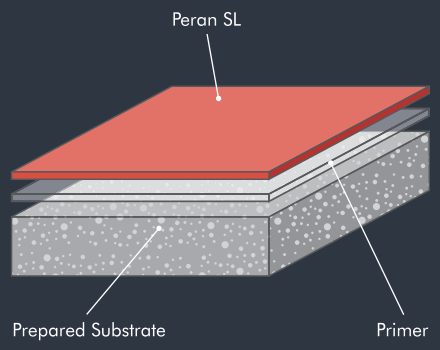
SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
ABRASION RESISTANCE	
BS 8204-2	Class AR2 Medium duty industrial and commercial
IMPACT RESISTANCE	
EN ISO 6272	6Nm
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
>1.5MPa*	

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

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

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	15Nm
COMPRESSIVE STRENGTH	
EN 13892-2	55 N/mm²
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
EN 13892-8	>2.5 N/mm²
FIRE RESISTANCE	
EN 13501-1	B_{fl}-s1
FLEXURAL STRENGTH	
EN 13501-1	35 N/mm²



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

Peran SL (2mm)

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 potentially corrosive cleaning agents and spillages.

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

Standard Colours

- Goosewing Grey 222
- Light Grey 232
- Mid Grey 280
- Dark Grey 281
- Beige 326
- Tile Red 637
- Forest Green 754
- Traffic Blue 466

The applied colours may differ from the examples shown.
For physical samples, contact your local Flowcrete office.

Flowshield Quartz (2mm)

Flowshield Quartz is a glossy, self-smoothing resin with high impact resistance and a decorative, speckled finish.

Ideally suited to retail, department stores, airport and railway concourses and restaurants where a high decorative finish that delivers superior durability is required.

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

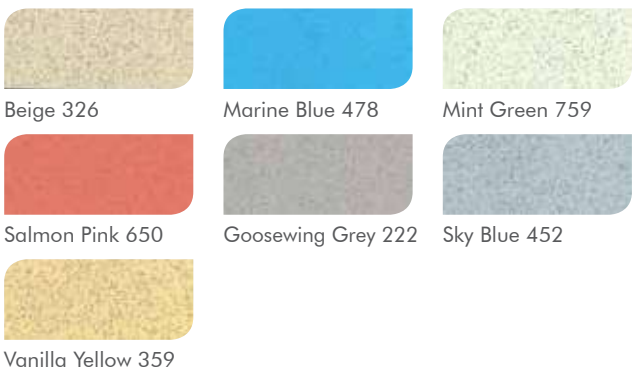
Bright:
Available in a range of vivid swatches for a contemporary finish.

Resistant:
Holds its own against foot traffic and chemical attack and spillages.

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

Slip Resistant:
Positively textured finish to deliver slip resistance and safety underfoot.

Standard Colours

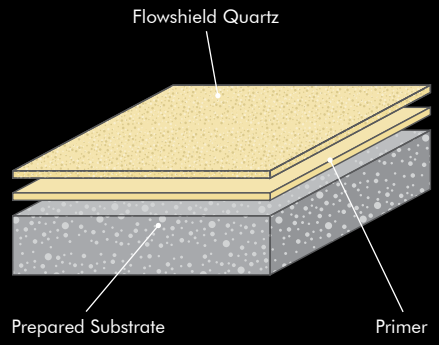


The applied colours may differ from the examples shown.
For physical samples, contact your local Flowcrete office.

Technical Profile

SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
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	20Nm
COMPRESSIVE STRENGTH	
BS 6319	55 N/mm²
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
3.4 N/mm²	
FIRE RESISTANCE	
BS476-7 Surface spread of flame	Class 2
FLEXURAL STRENGTH	
BS 6319	23 N/mm²

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



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

BLAUPUNKT
VÄLKOMMEN
BIENVENU
WELCOME
BLAUPUNKT

Standard Peran Comfort Colours

Signal White
(near to RAL 9003)

Pebble Grey
(near to RAL 7032)

Light Grey
(near to RAL 7035)

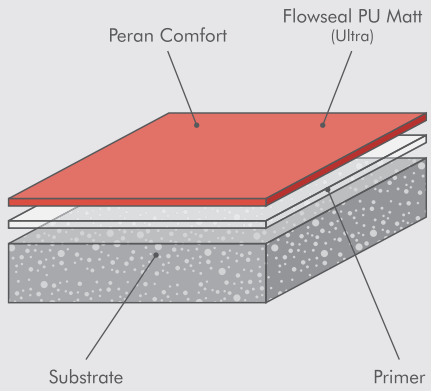
Oyster White
(near to RAL 1013)

The applied colours may differ from the examples shown.
For physical samples, contact your local Flowcrete office.

Technical Profile

SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 40°C	
IMPACT RESISTANCE	
EN ISO 6272	4Nm
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
EN 13892-8	1.5 N/mm²
FIRE RESISTANCE	
EN 13501-1	B_{fl}-s1
ELONGATION OF BREAK	
BIN 53504	50–100%
CHEMICAL RESISTANCE	
Water, waste water, detergents (tests required), diluted acids and alkalis	
TOXICITY	
Inert and harmless when cured	

SPEED OF CURE	12°C	23°C	30°C
Light Traffic	36 hrs	24 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	12 days	5 days	2 days



Peran Comfort (2–3mm)

A matt, self-smoothing polyurethane resin floor finish, Peran Comfort has excellent abrasion and chemical resistance properties.

Ideal for areas with intensive pedestrian traffic in need of high performance contemporary finishes such as offices, department stores, supermarkets, hospitals and schools.

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

UV Stable:
Delivers enhanced resistance to UV light to reduce discolouring.

Hard-wearing:
Holds its own against sustained foot traffic in busy commercial spaces.

Chemical Resistant:
Withstands potentially corrosive cleaning agents and spillages.

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

Technical Profile

SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
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	15Nm
COMPRESSIVE STRENGTH	
BS 6319	>40 N/mm^2
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
EN 13892-8	B3.0
FIRE RESISTANCE	
EN 13501-1	C_{fl}-s1
FLEXURAL STRENGTH	
BS 6319	>15 N/mm^2
TENSILE STRENGTH	
BS 6319	>10 N/mm^2
VAPOUR PERMEABILITY	
ASTM E96:90	1.36g/m^2/mm/24 hrs
WEAR RESISTANCE	
EN 13892-5	RWA1
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

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

Peran STB Classic (4mm)

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.

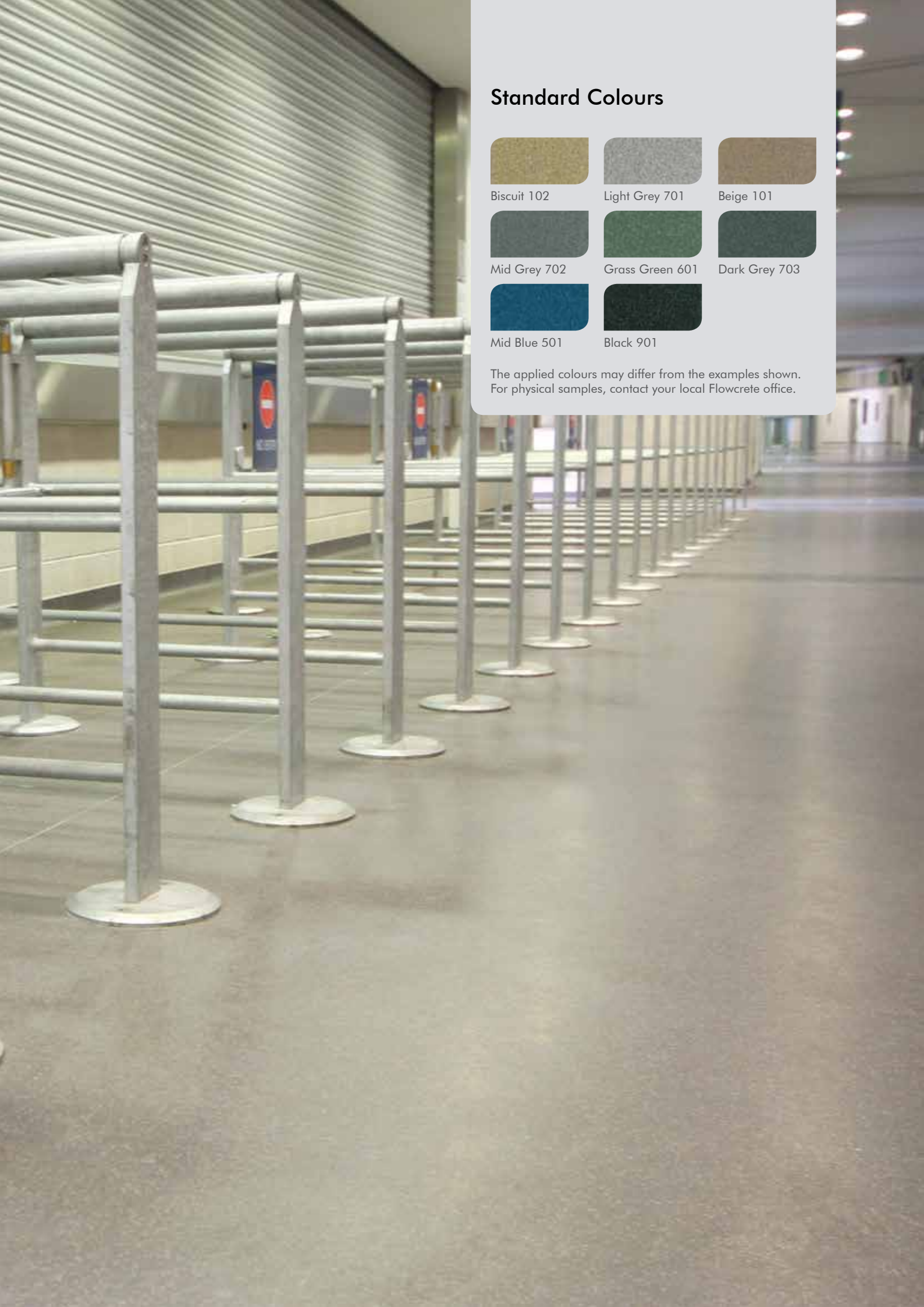
With high scratch, chemical and abrasion resistance, Peran STB Classic is ideal for use in indoor commercial venues, including pools surrounds, boutiques, hotels and leisure facilities.

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

The applied colours may differ from the examples shown.
For physical samples, contact your local Flowcrete office.

Rustik (8–12mm)

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

Ideal for use in 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

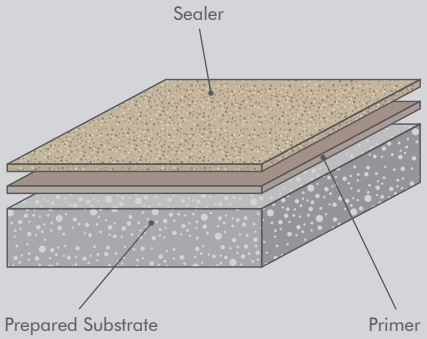
Yellow Gravel
Natural Stone

The applied colours may differ from the examples shown. For physical samples, contact your local Flowcrete office.

Technical Profile

SLIP RESISTANCE	
BS 7976-2	Dry >40 Low slip potential
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
ABRASION RESISTANCE	
BS 8204-2	Class AR2
IMPACT RESISTANCE	
EN ISO 6272	13Nm
COMPRESSIVE STRENGTH	
BS 6319	50 N/mm²
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
2 N/mm²	
FIRE RESISTANCE	
SITAC	Class G Certificate No 1721/75
FLEXURAL STRENGTH	
BS 6319	10 N/mm²

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



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

Naturewalk & Naturewalk Pave (3–18mm)

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

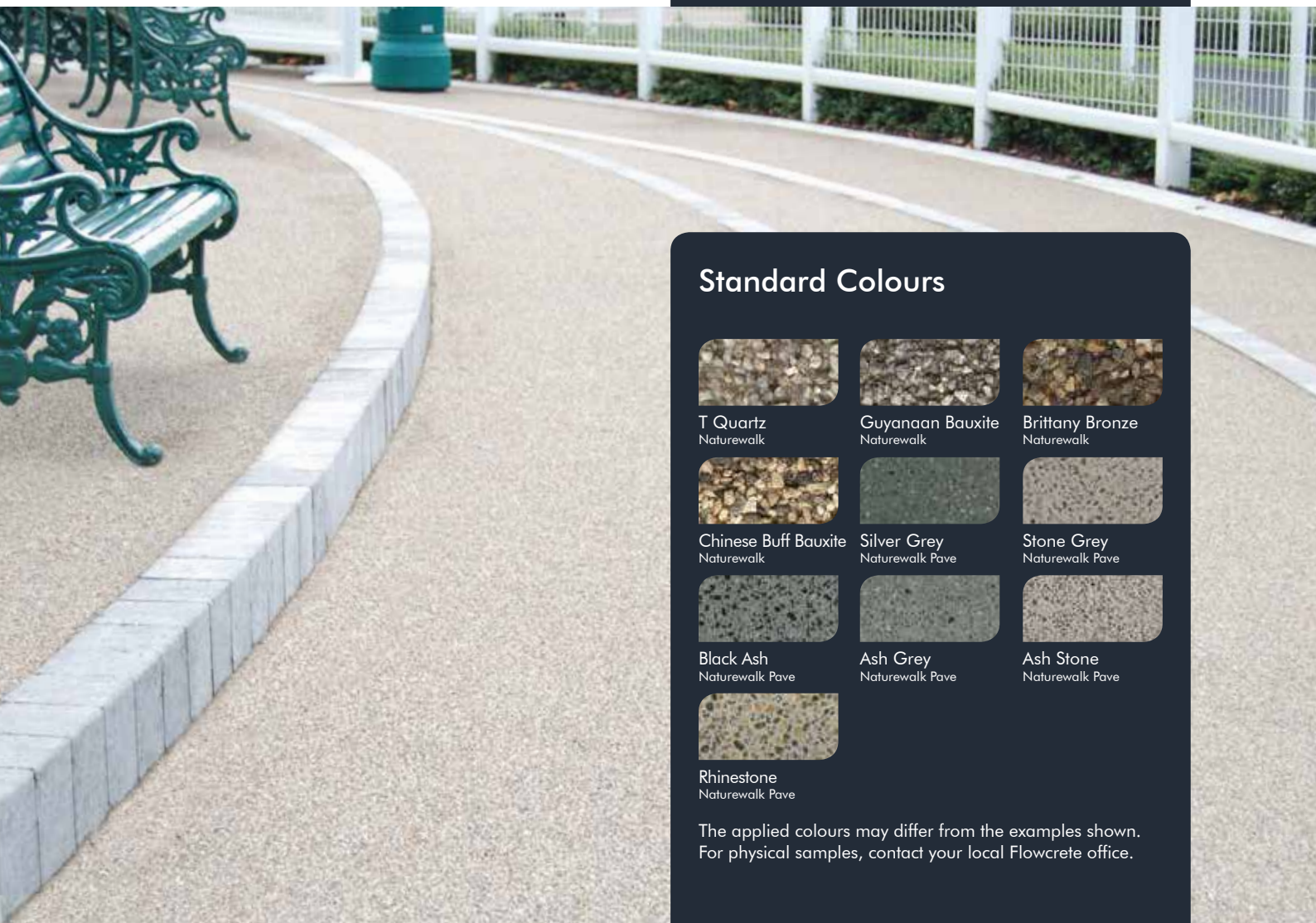
Both systems see a mix of stone aggregates bonded or bound respectively in a polyurethane resin binder.

- 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	Dry >40, Wet >40 Low slip potential
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	13Nm
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
BOND STRENGTH	
1 N/mm²	

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



Standard Colours

T Quartz
Naturewalk

Guyanaan Bauxite
Naturewalk

Brittany Bronze
Naturewalk

Chinese Buff Bauxite
Naturewalk

Silver Grey
Naturewalk Pave

Stone Grey
Naturewalk Pave

Black Ash
Naturewalk Pave

Ash Grey
Naturewalk Pave

Ash Stone
Naturewalk Pave

Rhinestone
Naturewalk Pave

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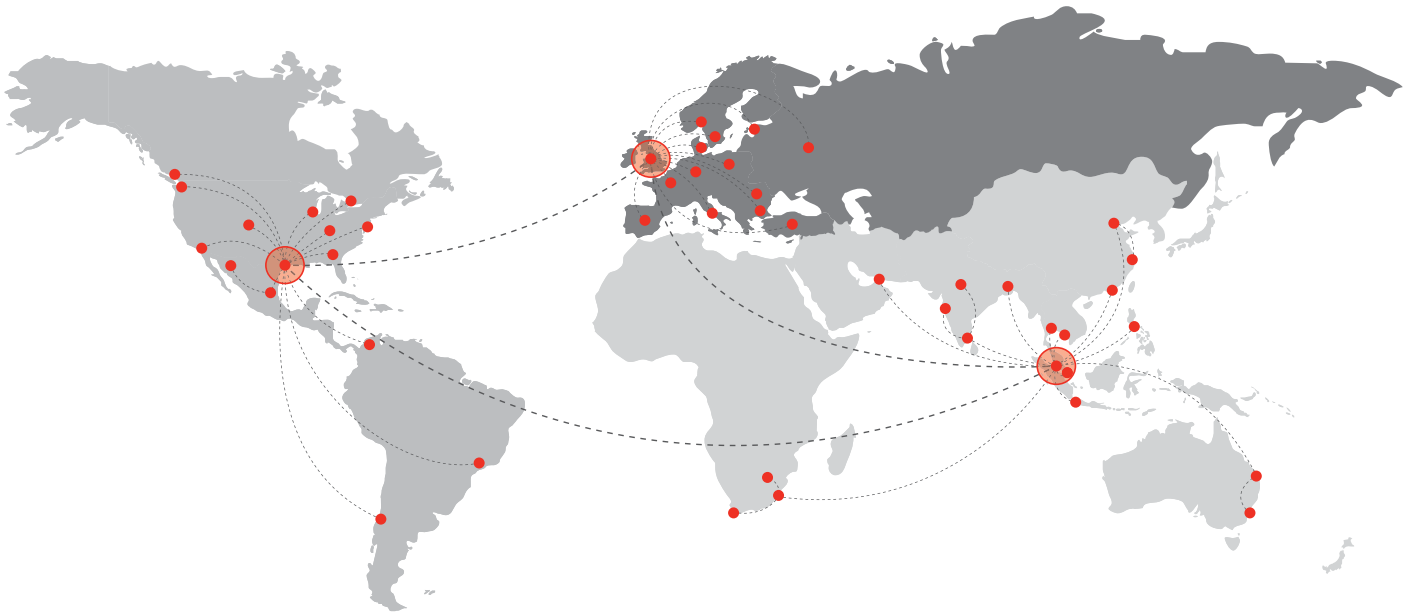

Flowcrete Group

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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