



INDUSTRIAL FLOORING

Durable workhorse surfaces suited to use in a wide range of demanding industrial plants and process environments.



Industrial Flooring Range



Flowcrete's Industrial Flooring range has been developed to deliver the ultimate in durability and resistance for hard-wearing surfaces that stand the test of time.

Flowcrete's industrial flooring is engineered to withstand heavy forklift, pallet truck, and pedestrian traffic. It offers strong resistance to aggressive chemicals, cleaning agents, and spillages across various production areas, including those exposed to extreme temperature changes.

The range includes textured finishes for slip resistance and UV-stable options to maintain colour vibrancy. Select systems are also available in antistatic grades, helping protect sensitive electronic equipment. This comprehensive range delivers durable, high-performance flooring solutions ideal for demanding, heavy-duty industrial environments.

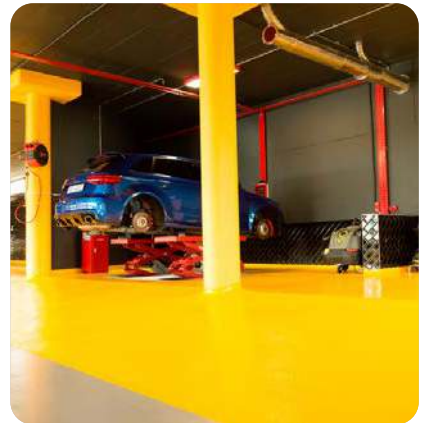
Application Suitability



Manufacturing



Aerospace



Automotive



Electronic



Food and Beverage Processing



Pharmaceutical

Technical Profile

THERMAL RESISTANCE	
BS 476: Part 7	Class 1
VAPOUR PERMEABILITY	
ASTM E96:90	20g/m ² /mm/24 hours
SURFACE HARDNESS	
Koenig Hardness Test	182 seconds
ABRASION RESISTANCE	
Taber Abrader	15mg loss per 1000 cycles (1kg load using CS17 wheels)
BS 8204: Part 2	Class AR3
BOND STRENGTH	
>1.5 MPa Concrete Failure	
VOC EMISSIONS	
USEPA Method 24	26g/litre

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowseal EPW (0.12 mm)

A pigmented and vapour-permeable water based epoxy coating system for use on floors, walls and ceilings.

It resists light chemical spills, withstands hot water cleaning, and is ideal for light-traffic areas such as kitchens, storerooms, and garages. It can also be applied to damp substrates or green concrete.



Attractive, semi-gloss finish



Easily mixed and applied

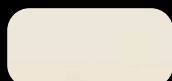


Seamless, hygienic finish

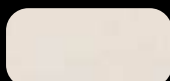


Solvent free, low odour system

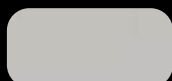
Standard Colours



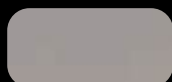
Off White



Polar Mist



Light Grey



Mid Grey



Light Blue

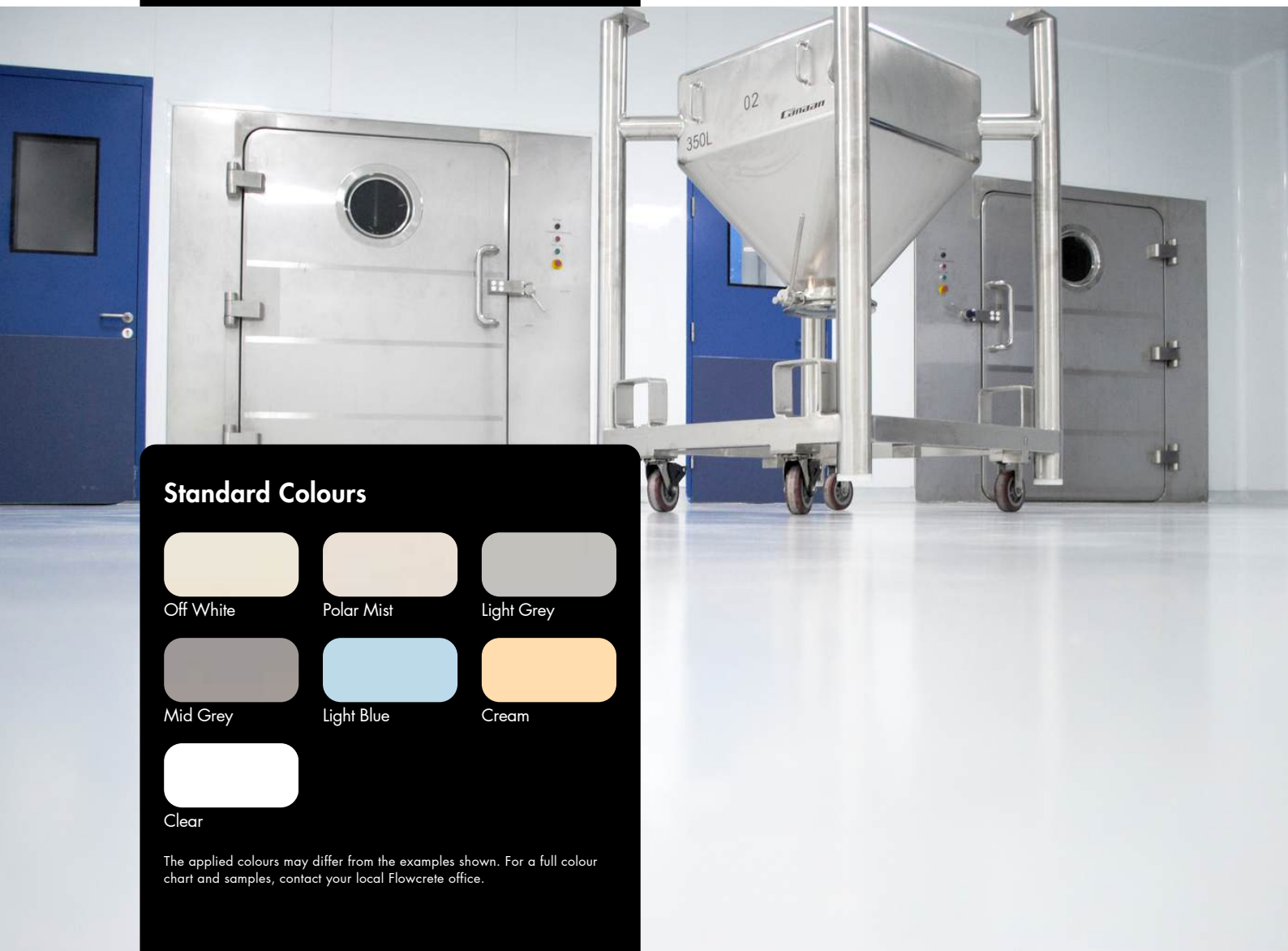


Cream



Clear

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





Standard Colours



Cream



Kalahari



Signal Red



Light Grey



Mid Grey



Slate Grey

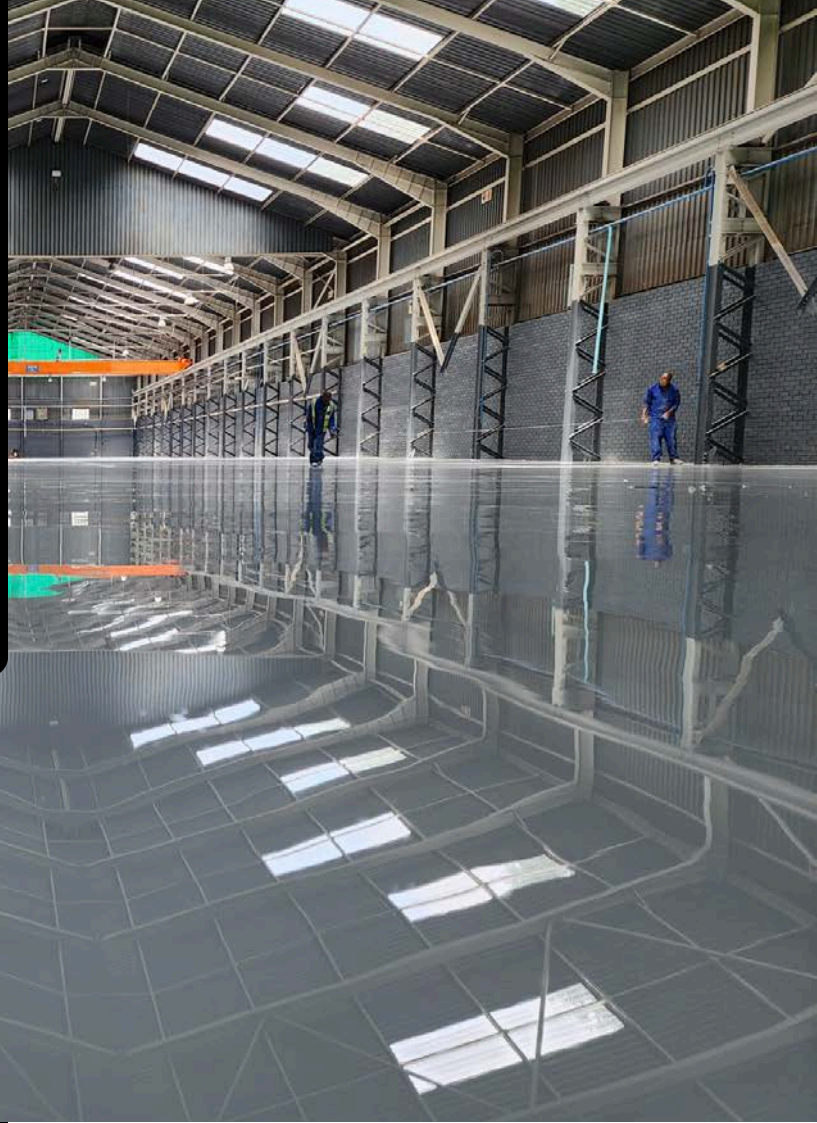


Sky Blue



Green

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

TRRL Pendulum Slip Test

Dry 80, Wet 35

FIRE RESISTANCE

SANS 10177: Part 4

Class 2

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

VAPOUR PERMEABILITY

ASTM E96

20g/m²/mm/24 hours

ABRASION RESISTANCE

Taber Abrader

5g loss per 1000 cycles
(1kg load using CS17 wheels)

BS 8204: Part 2

Grade AR2

BOND STRENGTH

>1.5 MPa concrete failure

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowcoat SF41 (0.3 - 0.5 mm)

A time-proven, cost-effective and wear resistant epoxy floor coating system with adjustable anti-slip properties.

Ideal for areas requiring protection from chemical spills, foot and vehicle traffic, such as chemical storage, equipment rooms, and warehouses.



Flexible levels of slip resistance



Excellent thermal shock resistance



Seamless, hygienic finish



High chemical and abrasion resistance

Technical Profile

TEMPERATURE TOLERANCE

Laying	Min: 10°C Max: 30°C
Service	Min: 0°C Max: 70°C

CHEMICAL RESISTANCE

10% Lactic Acid	10% Acetic Acid
50% Sodium Hydroxide	33% Hydroxide Acid
Trichloroethane	Commercial Sodium Hypochlorite
Xylene	Butyl Cellosolve
Sugar Solution	Ethanol

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	36 hrs	16 hrs	12 hrs
Full Traffic	48 hrs	24 hrs	18 hrs
Full Chemical Cure	12 days	7 days	7 days

Flowcoat CR

(Thickness dependent on specification)

A high performance, solvent free epoxy resin coating with excellent resistance to both acid, alkali and most solvents.

Ideal for bunds, battery charging zones, chemical bays, and areas exposed to heavy traffic and chemical spillages.



Gloss finish to brighten up workspaces



Hard-wearing and versatile



Seamless, hygienic and easy to clean



Highly resistant to chemicals

Standard Colours



Cream



Kalahari



Signal Red



Light Grey



Mid Grey



Slate Grey



Sky Blue



Green

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



Standard Colours



Clear



Light Grey



Mid Grey



Cream



Yellow



Tile Red



Forest Green

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

VOLUME SOLIDS

60°C

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	18 hrs	14 hrs	12 hrs
Full Traffic	24 hrs	18 hrs	12 hrs
Full Chemical Cure	7 days	7 days	7 days

Flowcoat UV

(Thickness dependent on specification)

A polyurethane sealer providing excellent UV protection and also used for demarcation purposes.

The sealer's 100% UV stability ensures long-term resistance to yellowing. Its high abrasion, mar, and scratch resistance make it a durable and versatile solution for demarcation in processing and automotive facilities, such as car parks.



UV resistant and colour stable



Attractive, light reflective finish



Hard-wearing and abrasion resistant



Standard Colours



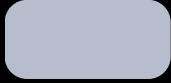
Sky Blue



Green



Signal Red



Light Grey



Mid Grey



Slate Grey



Cream



Kalahari

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

TRRL Pendulum Slip Test	Dry 80, Wet 14
-------------------------	----------------

FIRE RESISTANCE

SANS 10177: Part 4	Class 1
--------------------	---------

WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
--------------	-------------------

THERMAL RESISTANCE

Tolerant of sustained temperatures up to 70°C

ABRASION RESISTANCE

Taber Abrader	5g loss per 1000 cycles (1kg load using CS17 wheels)
---------------	---

BS 8204: Part 2	Class AR2
-----------------	-----------

BOND STRENGTH

>1.5 MPa Concrete Failure

COMPRESSIVE STRENGTH

>55 N/mm²

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowshield SL (2mm)

A resilient, self-smoothing epoxy resin system with a seamless, attractive gloss finish.

High chemical and abrasion resistance, along with fast installation, makes this system ideal for hospitals, laboratories, packaging areas, and processing rooms exposed to moderate traffic and spill risks.



Hardwearing and abrasion resistant



Seamless and easy to clean



Highly resistant to chemicals



Low maintenance, easily overcoated surface

Technical Profile

SLIP RESISTANCE	
TRRL Pendulum Slip Test	Dry 80, Wet 14
FIRE RESISTANCE	
SANS 10177: Part 4	Class 1
THERMAL RESISTANCE	
Tolerant of sustained temperatures up to 70°C	
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
ABRASION RESISTANCE	
Taber Abrader	5g loss per 1000 cycles (1kg load using CS17 wheels)
BS8204: Part 2	Grade AR2
BOND STRENGTH	
>1.5 MPa Concrete Failure	
COMPRESSIVE STRENGTH	
>55 N/mm ²	

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowshield SL 1000 (1mm)

A self-levelling epoxy floor coating system with a seamless, hygienic gloss finish.

With impressive abrasion resistance this system is ideal for dry process areas within facilities subject to medium to heavy duty traffic such as warehouses, aerospace and automotive environments.



Hardwearing and abrasion resistant



Low maintenance, easily overcoated surface



Seamless and easy to clean



Highly resistant to chemicals

Standard Colours



Cream



Kalahari



Signal Red



Light Grey



Mid Grey



Slate Grey



Sky Blue



Green

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	
BS 476: Part 7 Surface spread of flame	Class 2 (indicative)
SLIP RESISTANCE	
BS 7976: Part 2	Dry 67, Wet 26
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 50°C	
ABRASION RESISTANCE	
BS 8204: Part 2	Class AR2 (Medium duty industrial & commercial)
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
COMPRESSIVE STRENGTH	
BS 6319	55 N/mm ²
FLEXURAL STRENGTH	
BS 6319	35 N/mm ²

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowshield CR (2mm)

A durable, self smoothing epoxy resin floor coating system that delivers exceptional chemical resistance.

Ideal for areas exposed to chemical attack and medium to heavy-duty foot, trolley, pallet truck, and rubber-wheeled forklift traffic, such as equipment maintenance zones and production floors.



Durable and resistant to heavy traffic



High chemical resistance

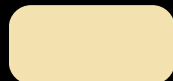


Seamless and easy to clean



Low maintenance, easily overcoated surface

Standard Colours



Cream



Beige



Molucca



Light Grey



Mid Grey



Light Stone



Forest Green



Tile Red

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

Standard Colours



Cream



Beige



Molluca



Light Grey



Mid Grey



Light Stone



Forest Green



Tile Red

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

BS 476: Part 7
Surface spread of flame

Class 2 (indicative)

SLIP RESISTANCE

BS 7976: Part 2

Dry 67, Wet 26

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

ABRASION RESISTANCE

BS 8204: Part 2

Class AR2 (Medium duty
industrial and commercial)

COMPRESSIVE STRENGTH

BS 6319

55 N/mm²

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowshield 1000 CR (1mm)

A self-smoothing epoxy with high chemical resistance, ideal for dry process areas facing spills and medium-duty traffic.

Ideal for areas exposed to aggressive chemicals, such as cleanrooms, labs, and automotive or aerospace spaces, where heavy-duty operations require high resistance to chemical attack and mechanical wear.



Hardwearing and abrasion resistant



Highly resistant to chemicals



Seamless, low maintenance finish

Technical Profile

ELECTRICAL RESISTANCE

ASTM F150	$5 \times 10^4 - 1 \times 10^8 \Omega$
-----------	--

FIRE RESISTANCE

SANS 10177: Part 4	Class 1
--------------------	---------

SLIP RESISTANCE

BS 7976: Part 2	Dry 80, Wet 14
-----------------	----------------

THERMAL RESISTANCE

Tolerant of sustained temperatures up to 50°C

WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
--------------	-------------------

COMPRESSIVE STRENGTH

>55 N/mm²

BOND STRENGTH

>1.5 MPa Concrete Failure

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

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

Flowshield ESD (2mm)

A solvent free resin based floor topping formulated as part of an electrostatic dissipative flooring system.

Compliant with BS 2050 antistatic standards, this system provides quick, easy installation and high abrasion resistance. Ideal for dry process areas like electronics and pharmaceutical facilities.



Hardwearing and abrasion resistant



Electrostatic dissipative



Seamless and easy to clean



Solvent free, low odour system

Standard Colours



Cream



Kalahari



Signal Red



Light Grey



Mid Grey



Slate Grey



Sky Blue



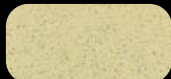
Green

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

Standard Colours



Beige



Vanilla Yellow



Goosewing Grey



Polar Mist



Sky Blue



Mint Green

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: Part 2

Dry 78, Wet 14

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 50°C

ABRASION RESISTANCE

BS 8204: Part 2

Class AR2 (Medium duty industrial and commercial)

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

BOND STRENGTH

>1.5 MPa Concrete Failure

COMPRESSIVE STRENGTH

BS 6319

>55 N/mm²

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowshield Quartz (2mm)

A glossy, self-smoothing resin with a decorative speckled finish, providing a durable and contemporary surface underfoot.

Ideal for dry, light industrial spaces such as electronics assembly lines and packaging areas that require a decorative yet durable surface with resistance to chemical spillages.



Attractive coloured quartz finish



Minimal joints and easy to clean



Resists impact, traffic and chemical attacks



Standard Colours



Cream



Sand Yellow



Yellow Ochre



Signal Grey



Dusty Grey



Light Blue



Signal Green



Tomato Red

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	
SANS 10177: Part 4	Class 2
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
TEMPERATURE RESISTANCE	
3mm	-5°C to 70°C
4mm	-15°C to 90°C
SLIP RESISTANCE	
TRRL Pendulum Slip Test	Dry >70, Wet >25
COEFFICIENT OF THERMAL EXPANSION	
ASTM C531	$5.70 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$
COMPRESSIVE STRENGTH	
BS 6319	>50 N/mm ²
BOND STRENGTH	
>1.5 MPa Concrete Failure	

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowfresh MF (3 - 4mm)

A self-levelling, HACCP International certified, smooth, antimicrobial treated cementitious polyurethane floor system.

With minimal joints for easy sterilisation and Polygiene® additives for enhanced hygiene, this flooring system is ideal for high-impact, heavy-traffic production and assembly areas such as kitchens, food prep zones, and catering operations.



Resists impact, traffic and chemical attacks



Seamless, hygienic finish



Solvent free, low odour system

Technical Profile

FIRE RESISTANCE	
BS 476: Part 7	Class 2
SLIP RESISTANCE	
TRRL Pendulum Slip Test	RT: Dry >80, Wet >35 SR: Dry 100, Wet 70
TEMPERATURE RESISTANCE	
Tolerant of sustained temperatures up to 120°C	
ABRASION RESISTANCE (SR)	
ASTM D4060 Taber Abrader	25mg loss per 1000 cycles (1kg load using H22 wheels)
COMPRESSIVE STRENGTH (RT)	
BS 6319	>60 N/mm ²
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowfresh RT / SR Ultra

(RT: 6 - 9mm / SR: 4 - 5mm)

An anti-slip, HACCP International Certified antimicrobial treated polyurethane screed for high-traffic dry and wet areas.

Designed for heavy traffic and spills, this system is ideal for busy kitchens, food prep zones, and catering areas. Its textured surface reduces slip risk, and Polygiene® enhances hygiene by inhibiting bacteria.



Positively textured to minimise slip risk



Easy to clean, antimicrobial finish



Resists chemicals and extreme temperatures



Standard Colours

Cream	Sand Yellow	Yellow Ochre
Signal Grey	Dusty Grey	Light Blue
Signal Green	Tomato Red	

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

Standard Colours



Chestnut



Charcoal



Gingerbread



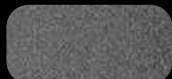
Emerald Green



Dynamic Blue



Light Grey



Dark Grey



Sandstone



Scarlet Red

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

BS 476: Part 7

Class 2

TEMPERATURE RESISTANCE

Intermittent Spillages

Up to 100°C

Constant Heat

Up to 75°C

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

SLIP RESISTANCE

BS 6677: Part 1
Pendulum Slip Test

Dry 100, Wet 70

ABRASION RESISTANCE (SR)

ASTM D4060 Taber Abrader

25mg loss per 1000 cycles
(1kg load using H22 wheels)

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowfresh SRQ Ultra (4 - 5mm)

An attractive, textured quartz polyurethane system with excellent thermal shock and bacterial growth resistance.

A fast-curing, slip-resistant, and hygienic flooring system enhanced with Polygiene® to inhibit bacterial growth. Ideal for sterile, chemical, and food & beverage processing facilities that require thermal shock resistance up to 120°C.



Positively textured to minimise slip risk



Fast curing, hygienic finish



Excellent thermal shock resistance

Standard Colours



Cream



Mid Grey

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

ASTM D 648-56	Tolerant up to 165°C
---------------	----------------------

BARCOL HARDNESS

ASTM 2583	>50
-----------	-----

E-MODULUS

ASTM D 695	3.1 GPa
------------	---------

VOLUME SHRINKAGE

Rill 4 2.5.3.2.1	<0.004%
------------------	---------

FLEXURAL STRENGTH

ASTM D 790	125 MPa
------------	---------

TENSILE STRENGTH

ASTM D 638	73 MPa
------------	--------

ADHESION

ASTM D 4541	>4 MPa (substrate failure)
-------------	----------------------------

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Flowchem VE GL (2 - 3mm)

A glass fibre reinforced horizontal and vertical applied vinyl ester coating with excellent chemical resistance.

Ideal for chemical and pharmaceutical facilities requiring robust protection and easy maintenance of heavy-traffic areas. With excellent resistance to aggressive chemicals and intermittent temperatures.



High chemical resistance



Excellent thermal shock resistance



Hardwearing and abrasion resistant



Ultra-fast curing and installation

Technical Profile

FIRE RESISTANCE

BX 476: Part 7
Surface spread of flame

Class 1

THERMAL RESISTANCE

Tolerant of sustained temperatures up to 60°C

COMPRESSIVE STRENGTH

BS 6319

>40 N/mm²

BOND STRENGTH

>1.5 MPa*

TOXICITY

Taint free to sensitive foodstuff

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

Flowcem DPM (2 - 3mm)

A technically advanced epoxy cement self-smoothing composite used as a surface damp proof underlayment.

Easily mixed and low in odour, this non-toxic, phthalate-free formulation is applied before floor finishes to control moisture vapour transmission and can be enhanced with an optional slip resistant profile.



Tolerates high substrate humidity

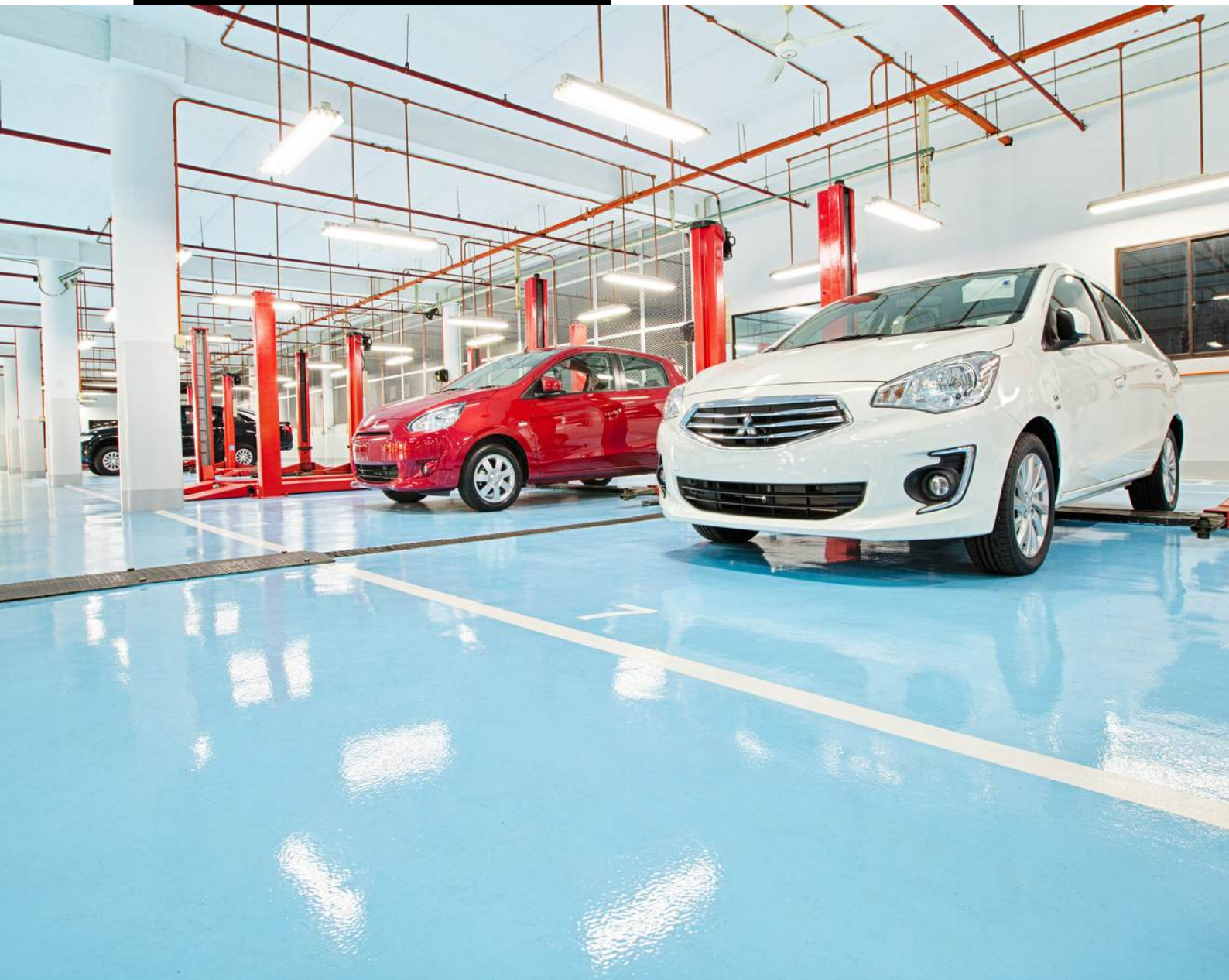


Easy to apply, self smoothing



Excellent adhesion to concrete & screeds

For a full Technical Profile, contact your local Technical Department



Standard Colours



Cream



Kalahari



Signal Red



Light Grey



Mid Grey



Slate Grey



Sky Blue



Green

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: Part 2

Dry 59, Wet 35

FIRE RESISTANCE

SITAC
Certificate No. 1721/75

Class G

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

THERMAL RESISTANCE

Tolerant of sustained temperatures up to 50°C

ABRASION RESISTANCE

BS 8204: Part 2

Class AR2 (Medium duty
industrial & commercial)

BOND STRENGTH

>1.5 MPa*

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Peran PTS (3.5 - 4mm)

A hard-wearing, resin floor topping comprising coloured quartz granules, encapsulated in a resin binder with a matt or gloss finish.

Designed for wet and dry industrial environments such as pharmaceutical and food and beverage processing facilities, as well as production lines, requiring high-performance, durable flooring solutions with a modern aesthetic.



High chemical resistance



Hardwearing and abrasion resistant



Seamless, low maintenance finish





Flowcrete

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

Africa

South Africa	+27 11 254 5500	southafrica@flowcrete.com
--------------	-----------------	---------------------------

Asia Pacific (APAC)

Australia	+61 7 3205 7115	australia@flowcrete.com
Bangladesh	+603 6277 9575	bangladesh@flowcrete.com
Hong Kong	+852 2795 0478	hongkong@flowcrete.com
Indonesia	+62 21 252 3201	indonesia@flowcrete.com
Korea	+60 3 6277 9575	korea@flowcrete.com
Malaysia New	+60 3 6277 9575	asia@flowcrete.com
Zealand	+64 7 541 1221	newzealand@flowcrete.com
Pakistan	+60 3 6277 9575	pakistan@flowcrete.com
Philippines	+63 2 834 6506	philippines@flowcrete.com
Singapore	+65 6848 7166	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	way@flowcrete.com
Poland	+48 22 879 8907	poland@flowcrete.com
Romania	+40 766 596 991 +7	romania@flowcrete.com
Russia	916 931 3513 +34	russia@flowcrete.com
Spain	937 07 0872 +46	spain@flowcrete.com
Sweden	435 40 01 10 +90	sweden@flowcrete.com
Turkey	212 2946570 +971 4	turkey@flowcrete.com
UAE	347 0460 +44 (0)	uae@flowcrete.com
UK	1270 753 000	uk@flowcrete.com

India

India	+91 44 40176600	india@flowcrete.com
-------	-----------------	---------------------

North America

Canada	+1 877-210-2444	canada@flowcrete.com
Mexico	+55 44 40 94 00	mexico@flowcrete.com
USA	+1 513-943-4225	americas@flowcrete.com

*Whilst every care has been taken to ensure that the information included in this document was accurate at the time of printing, Flowcrete reserves the right to change product specifications at any time without prior notice. The photographs and colours reproduced in this publication are within the constraints of the printing process and are not to be used for matching purposes. All photographs are used for approximate representation only and may not show the actual products on offer. E&OE.