Flowcrete

for the world at your feet



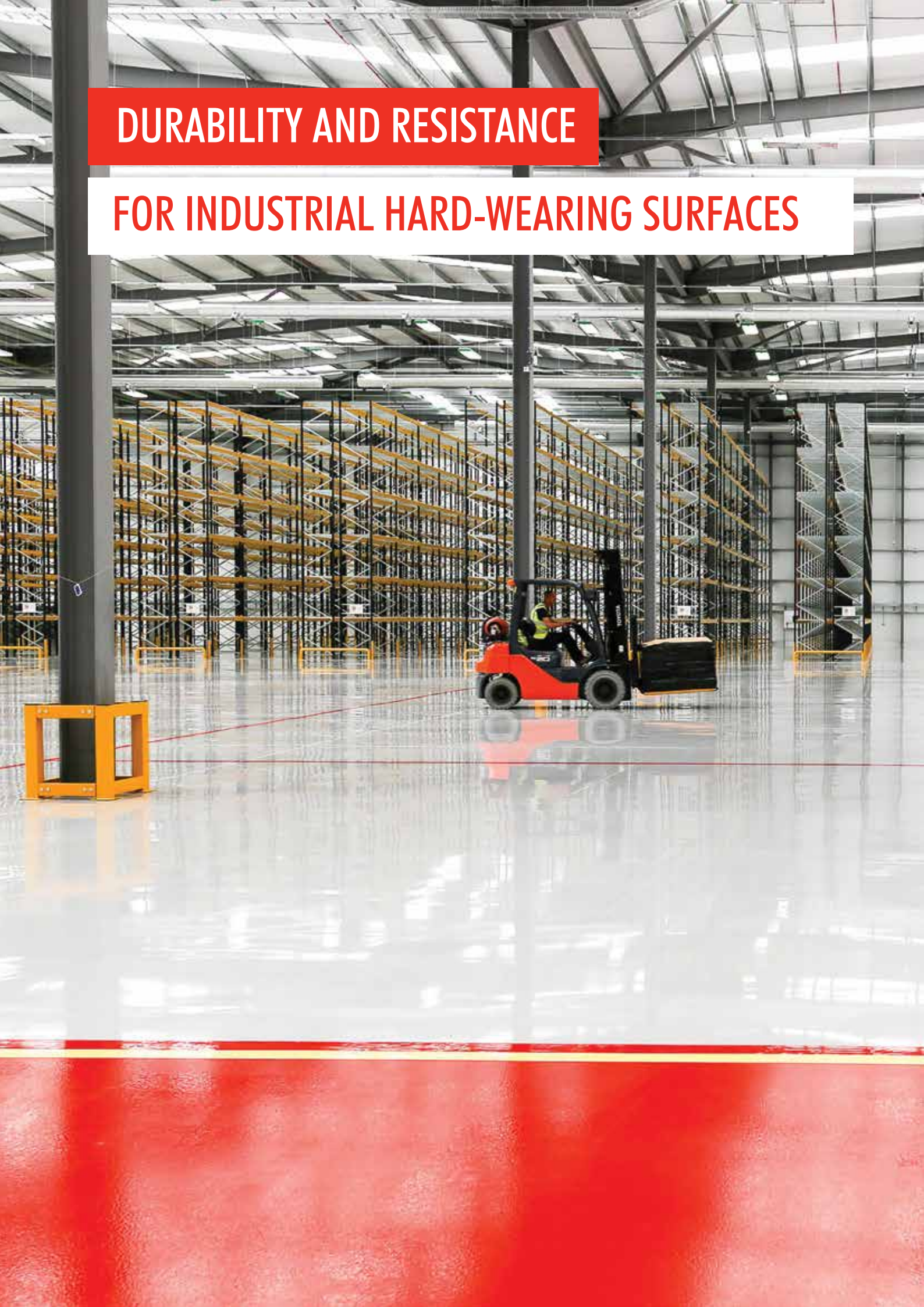
INDUSTRIAL FLOORING

▶ High-performance resin flooring solutions engineered for durability, safety, hygiene and long-term protection across demanding industrial environments.

www.flowcreteasia.com

DURABILITY AND RESISTANCE

FOR INDUSTRIAL HARD-WEARING SURFACES



About Flowcrete

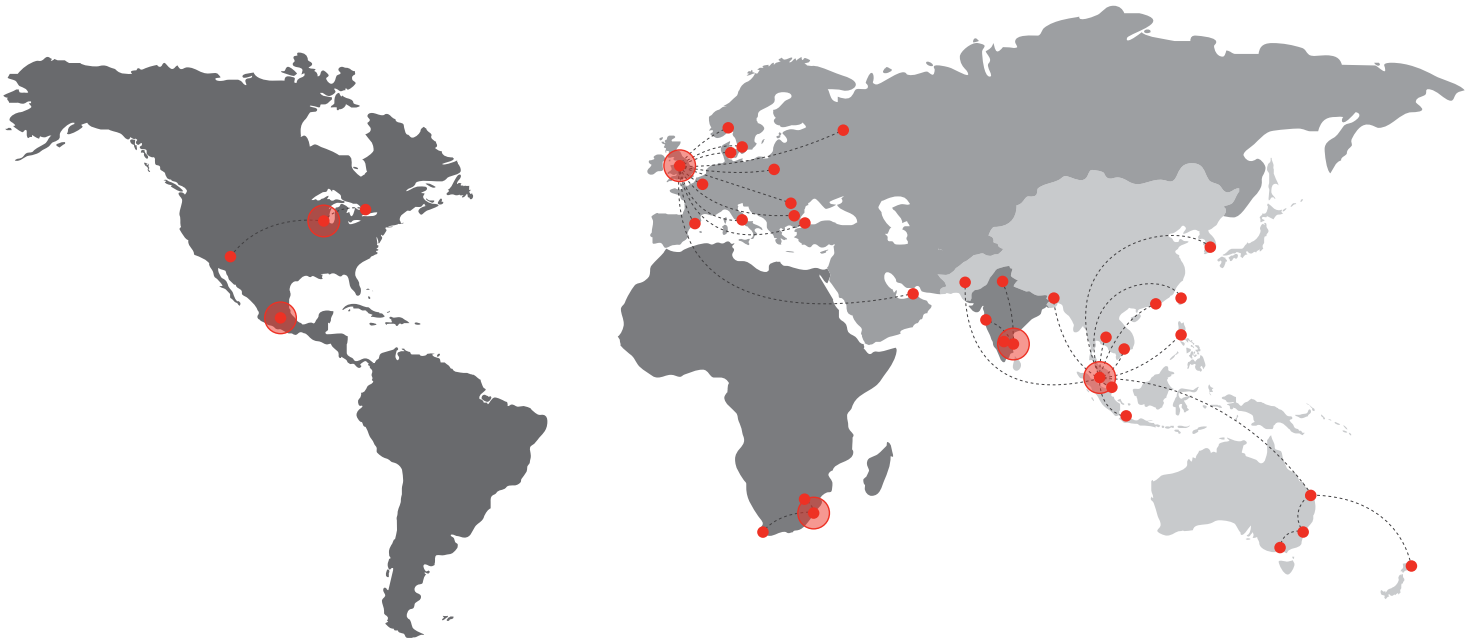
Flowcrete is a globally recognized leader in high-performance resin flooring systems, with over 40 years of industry experience delivering innovative flooring solutions across a wide range of industries. Our proven technologies are trusted in demanding environments where durability, hygiene, safety and performance are critical.

Driven by continuous innovation, Flowcrete offers advanced flooring technologies including polyurethane cement, epoxy, MMA, ESD, decorative terrazzo and specialized coating systems. Our solutions are supported by extensive technical expertise, independent testing, and compliance with international industry standards.

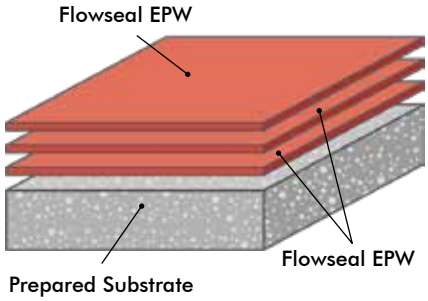
With a strong market presence spanning Europe, the Americas, Asia-Pacific, the Middle East and Africa, Flowcrete has successfully completed thousands of projects in sectors such as semiconductor, data centers, pharmaceutical, food & beverage, aerospace, automotive, logistics, car parks, commercial buildings and infrastructure.

Global Experience.
Advanced Technology.
Local Expertise.

Through our worldwide sales networks, manufacturing facilities and local technical teams, Flowcrete delivers reliable, high-performance flooring solutions tailored to the specific needs of every market.



System Design



Sand | Tile Red | Steel Blue | Mid Blue

Light Green | Dark Green | Sage Grey | Mist Grey

Steel Grey | Charcoal

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Flowseal EPW

(Floor Sealer)

A pigmented, water-based, epoxy floor sealer with a satin finish that provides a seamless, easy to clean, non-dusting environment.

Suitable for light industrial areas, storerooms and areas of pedestrian traffic.

- The seamless finish allows the system to be cleaned easily.
- Water-based, low in VOCs and environmentally friendly
- Vapour permeable and can be applied to damp substrates.

Flowcoat HS

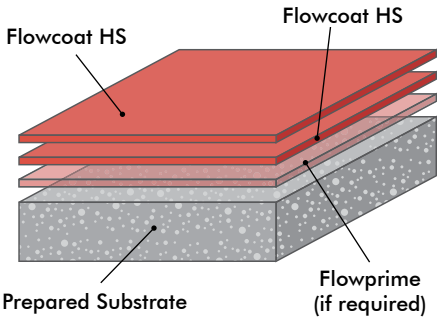
032-089-4117
Environmentally Preferred Paints & Surface Coatings

A solvent-free, economical epoxy coating designed for factories, plants and warehouses.

Can be used as an economical coloured floor coating for industrial facilities.

- Economical to use
- Solvent free, low in VOCs and environmentally friendly.
- The seamless and gloss finish allows the system to be cleaned easily.

System Design



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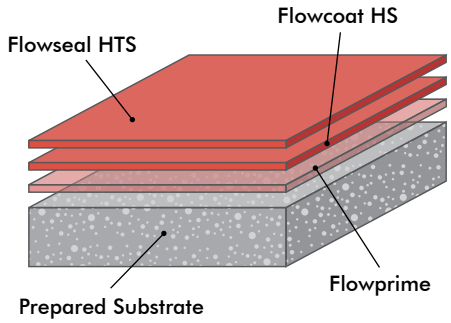

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Steel Grey | Charcoal

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Flowcoat HTS

(Thickness dependent on specification)

A high performance, UV light stable, pigmented hybrid PU coating system with high abrasion resistance.

Designed for environments with heavy traffic where abrasion resistance is essential.

- Provides a high strength coating for high traffic isles and warehouses.
- 100% UV light stable and does not yellow over time.
- Cost-effective solution without compromising performance.

Flowcoat SF41

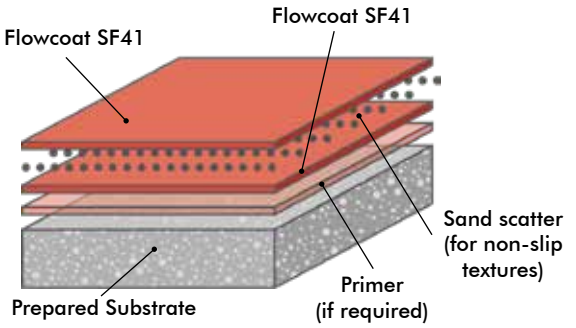
(Anti-slip floor coating)

A high performance, solvent free, anti-slip epoxy coating system for industrial facilities and back of house areas.

Graded aggregate can be used to create a slip resistant profile if required.

- Anti-slip system using different grades of aggregate.
- Solvent free, low in VOCs and environmentally friendly.
- The seamless and gloss finish allows the system to be cleaned easily.

System Design



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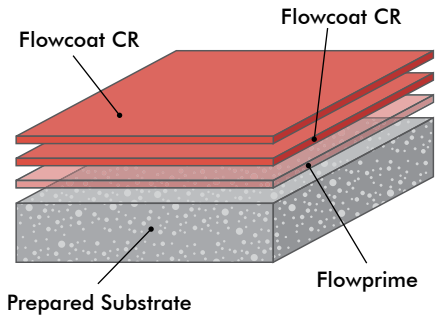

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Steel Grey | Charcoal

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Flowcoat CR

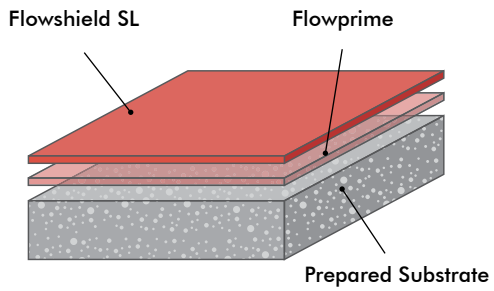
A solvent free, chemical resistant epoxy coating system designed for use in processing & storage areas subject to moderate chemical spillages.

Graded aggregate can be used to create a slip resistant profile if required.

- Protects against a range of chemicals used in manufacturing processes.
- Solvent free, low in VOCs and environmentally friendly.
- The seamless and gloss finish allows the system to be cleaned easily.



System Design



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Steel Grey

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Flowshield SL

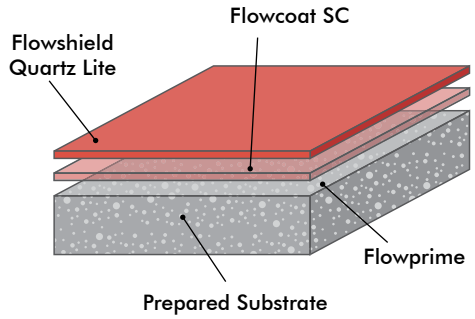
(2–3mm)

A high-gloss, self-smoothing epoxy floor finish that is compliant with CSM® (Cleanroom Suitable Materials) requirements.

Typical uses include cleanrooms, laboratories, warehouses and storage areas.

- Low VOC. Improve indoor air quality.
- Hard-wearing & abrasion resistant suitable for medium and heavy traffic environment.
- Seamless and high-gloss finish allows the system to be cleaned easily.

System Design



Pearl White | Silver Grey | Iron Grey | Clay Beige

Vintage Beige | Sunny Yellow | Misty blue | Hunter Green

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Flowshield Quartz Lite

(2mm)

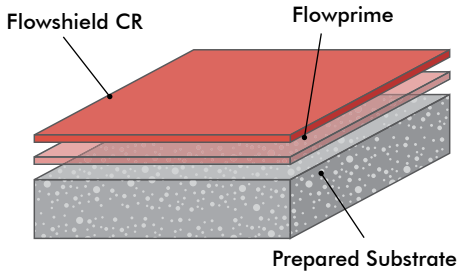
A decorative, self-smoothing epoxy floor with attractive speckled quartz, tailored for a broad range of environments.

A tough, easy-to-clean alternative to vinyl for various spaces.

- Protects against sanitizing agents used in pharmaceutical and hospital environments.
- A seamless floor finish with a speckled design, available in a wide range of colours.
- Attractive decorative finish

Self Smoothing System

System Design



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Steel Grey | Charcoal

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Flowshield CR

(2-3mm)

A chemical-resistant epoxy floor for dry process areas exposed to moderate chemical spillages.

Typical uses include chemical storage areas, laboratories and warehouses.

- Chemical-resistant against common acids used in food processing plants.
- The seamless and high-gloss finish allows the system to be cleaned easily.
- Hard-wearing & abrasion resistant suitable for medium to heavy traffic.

Flowshield SK + UV

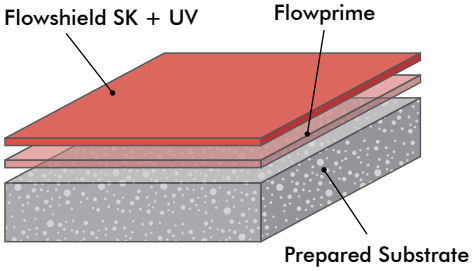
(2–3mm)

A solvent free, self-smoothing epoxy floor system with excellent resistance to Skydrol® and hydraulic fluids.

Typical uses are aircraft hangers, aircraft parking areas and workshops.

- Resistant to typical chemicals found in aircraft service environments.
- The seamless and gloss finish allows the system to be cleaned easily.
- Hard-wearing & abrasion resistant suitable for aircraft trafficked areas.

System Design



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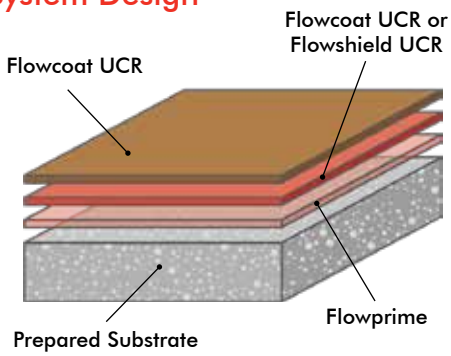

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Steel Grey | Charcoal

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Flowcoat UCR/ Flowshield UCR

A two- or three-component, solvent free, novolac epoxy based coating or self-smoothing system with high chemical resistance.

Provides a light to medium duty, easy to clean, extremely high chemical resistant floor coating.

- Extremely resistant to substances found in chemical storage areas.
- Solvent free, low in VOCs and environmentally friendly.
- The seamless and gloss finish allows the system to be cleaned easily.

Flowchem VE GL

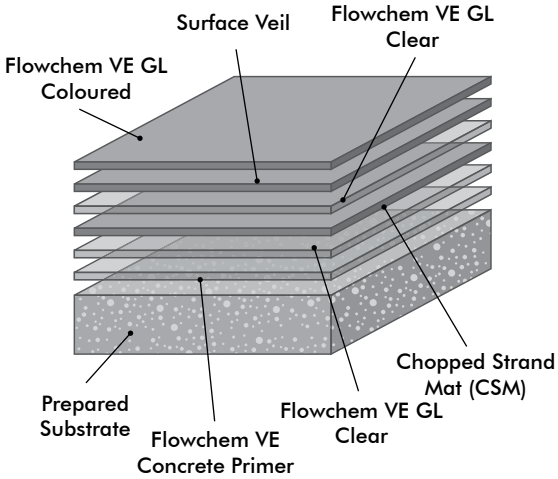
(1.5–3mm)

A roller or spray applied vinyl ester, fibreglass reinforced coating system providing high chemical resistant protection for concrete structures.

For protection against aggressive chemicals, thermal and mechanical stress.

- Resistant to extreme temperatures of up to 165°C.
- Protects against a wide range of aggressive chemicals.
- Fast track cure times reduce construction program times.

System Design



Green | Charcoal | Steel Grey | Light Grey

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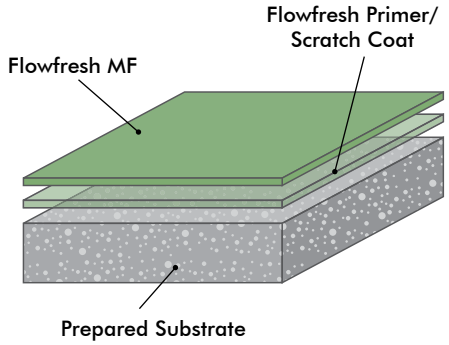
Polyurethane Concrete

System Design





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Flowfresh MF

(2–4mm)

Flowfresh MF is a seamless, heavy-duty, self-smoothing, phthalate-free polyurethane cement-based flooring system.

Provides a hygienic floor finish for dry or semi-wet F&B processing areas.

- 4-tick SGBC Leader-rated for excellent environmental sustainability.
- HACCP-compliant flooring product
- Highly abrasion-resistant in food processing plants.

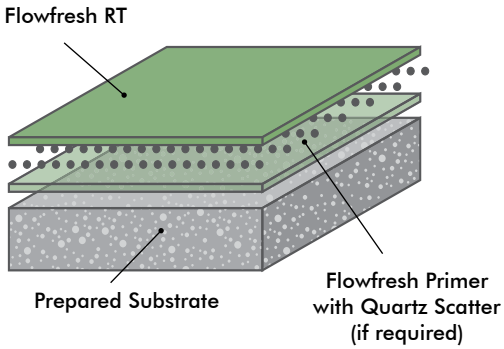
Flowfresh RT

A heavy-duty, hygienic, phthalate-free polyurethane screed with a durable finish and excellent temperature resistance.

Provides a hygienic floor finish for heavy duty wet processing areas in F&B facilities.

- 4-tick SGBC Leader-rated for excellent environmental sustainability.
- Resistant to extreme temperatures, from -45°C to 120°C (at 9mm).
- Durable floor finish for harsh wet processing conditions.

System Design





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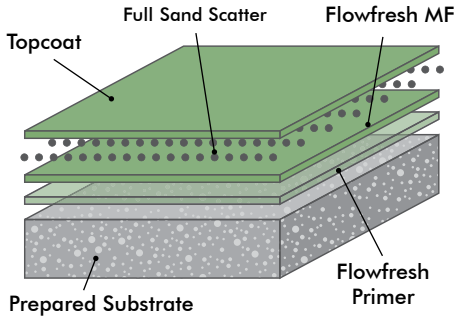


Warm Buff


Clay


Coral Red


Shamrock Green


Ash Grey


Pewter Grey

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Flowfresh SR (3–4mm)

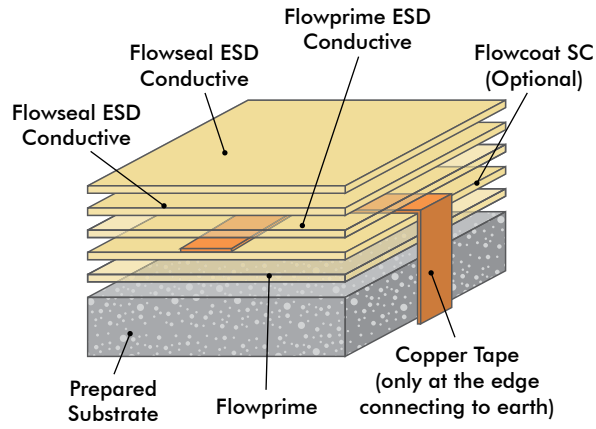
A heavy duty, slip resistant, phthalate- free seamless polyurethane resin flooring system.

Provides a hygienic floor finish for wet processing areas in F&B facilities.

- Seamless Finish and HACCP International Compliance.
- Textured finish provides a safe environment for workers.
- A hard-wearing & abrasion resistant finish to protect the substrate below.



System Design



Sand | Tile Red | Steel Blue | Mid Blue

Light Green | Dark Green | Sage Grey | Mist Grey

Steel Grey

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Flowseal ESD Conductive

An electrostatic conductive water-based epoxy floor coating that complies with various international ESD standards.

Suitable for use in light traffic environments where electrostatic conductive ESD standards are required.

- Meets ASTM F150 Conductive, and IEC 61340-5-1.
- Seamless finish provides a surface that is easy to clean and maintain.
- Solvent free, low in VOCs and environmentally friendly.

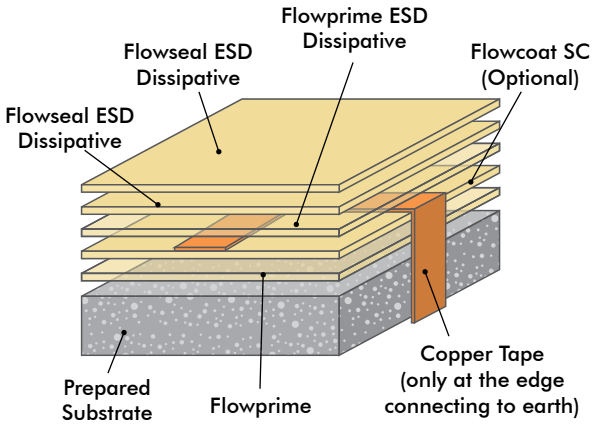
Flowseal ESD Dissipative

An electrostatic dissipative, water-based epoxy floor coating that complies with various international ESD standards.

Suitable for use in light traffic environments where electrostatic dissipative ESD standards are required.

- Complies with ANSI/ESD S7.1 and ASTM F150 Dissipative requirements.
- Seamless finish provides a surface that is easy to clean and maintain.
- Solvent free, low in VOCs and environmentally friendly.

System Design



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Steel Grey

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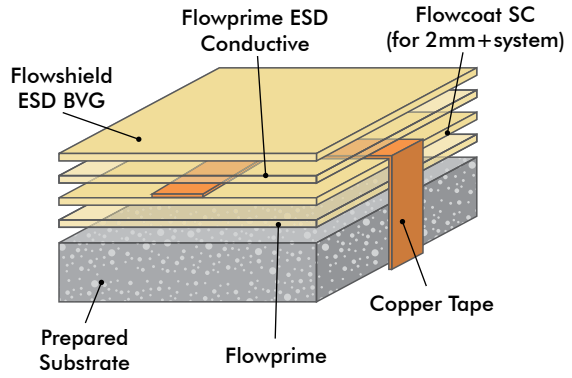

Ivory | Metal Grey | Light Grey | Carbon Grey

Mint Green | Olive Green

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Flowshield ESD BVG

A carbon fibre-free antistatic, self-smoothing epoxy floor coating based on Carbon Nanotube Technology that complies with various international ESD standards.

For use in medium to heavy duty traffic areas where various international ESD standards are required.

- Static Control & Protection.
- Meets ANSI/ESD S2020, EN 61340-5-1 and EN 61340-4-5 requirements.
- Hard-wearing & abrasion resistant suitable for medium to heavy traffic.

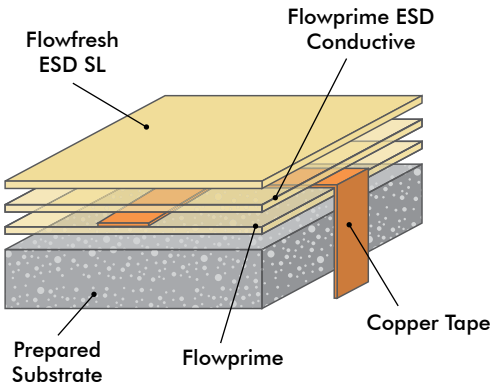
Flowfresh ESD SL

(2mm)

An antistatic, hard-wearing polyurethane resin floor system with a smooth, matt coloured finish.

- Meets the BS 2050 specification for electrical resistance.
- Suitable for Automated Guided Vehicles (AGV)-operating environments
- Seamless finish provides a surface that is easy to clean and maintain.

System Design



Warm Buff | Coral Red | Clay | Pewter Grey

Shamrock Green

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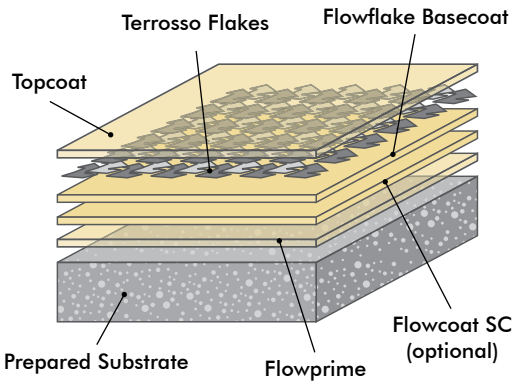
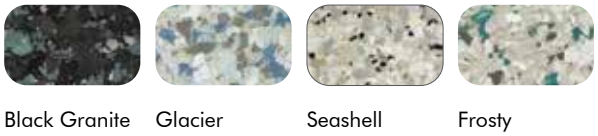
Colour Flake System

System Design





Black Granite Glacier Seashell Frosty



Grey Granite Moonlite Oyster Storm

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Flowflake Terrosso

An epoxy resin based floor that contains varying sizes of flakes scattered over a pigmented base coat and finished with a clear sealer.

Ideal for use in commercial settings such as retail showrooms, designer outlets and offices.

- A decorative, flaked floor finish that is available in a range of colours.
- The seamless finish allows the system to be easily cleaned.
- Speckled flake finish disguises visible surface scratches.

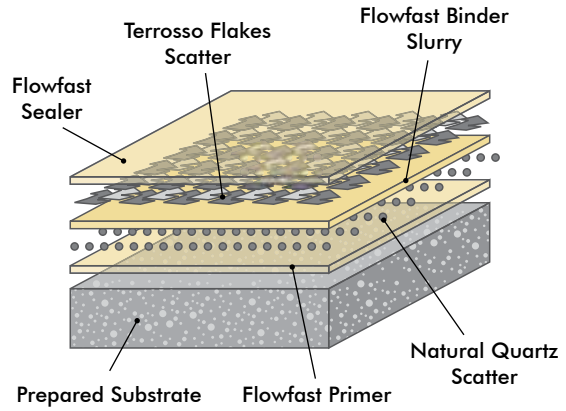
Flowfast Terrosso

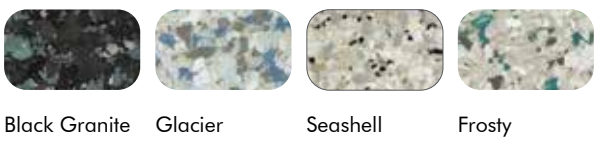
A fast-curing MMA resin-based flooring system developed for commercial and industrial environments.

Ideal for use in commercial setting such as schools, canteens, corridors, and hospitals.

- A decorative, flaked floor finish that is available in a range of colours.
- Fully trafficable just 2 hours after installation due to MMA formulation.
- Speckled flake finish disguises visible surface scratches.

System Design





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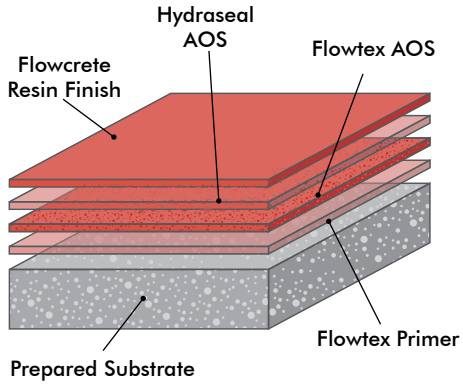




Flowtex AOS

(Permanent Moisture Barrier)

A 5mm anti-osmosis, heavy-duty epoxy screed underlayment suitable for use in environments with high rising moisture.

Allows installation of moisture sensitive floor finishes onto concrete and cementitious screeds which have a moisture content of up to 100% RH (surface dry) to BS 8204 and do not have an effective damp proof membrane.

- Resistant to osmotic pressure caused by substrates with high moisture content.
- Offers excellent protection against dropped items and heavy loads.
- Application produces an extremely dense, hard screed finish.

Flowcem

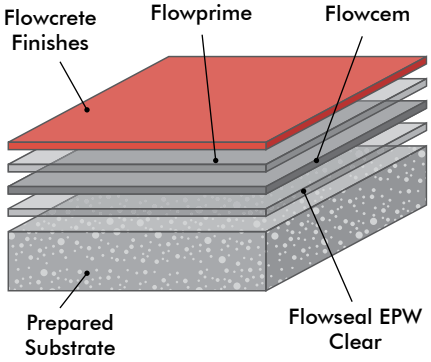
(Temporary Moisture Barrier)

Flowcem is a three-component, technically advanced self-smoothing, epoxy-cement composite.

As a temporary moisture barrier to be overlaid with resin flooring finishes on substrates with high residual moisture content.

- Chemically & mechanically bonds to concrete forming a monolithic structure.
- Self-smoothing consistency allows it to be applied easily and quickly.
- Low odour during application for greater client satisfaction.

System Design







Euco Diamond Hard

(Liquid Densifier and Sealer For Concrete)

A unique blend of silicate and siliconate polymers that penetrate concrete surfaces and chemically react to provide an increase in surface density, durability, and abrasion resistance.

Concrete treated with the prouduct is dust-proofed, resists tire marks, and is easier to maintain. Over time, it provides an attractive, slip resistant sheen to concrete that never peels, fades, or wears away.

- Reduces porosity and increases durability of the concrete surface
- Complies with VOC regulations across North America
- Can be applied to new or existing concrete

ULTRASIL Li+

(Liquid Densifier, Sealer, and Dustproofer For Concrete)

A water-based lithium silicate solution used to densify, seal and dustproof concrete surfaces.

It penetrates and chemically reacts within the concrete surface, producing an extremely hard and dense calcium silicate hydrate (CSH) in the pores. The result is concrete that is more durable, easier to clean, and more resistant to damage from water and mild chemicals. Because this lithium silicate-concrete reaction is formed internally, the protection never peels or flakes off, is unaffected by moisture, and lasts much longer than surface sealers and coatings.



- Seals, densifies and dustproofs concrete in one operation
- Permanent treatment that never peels off
- Easy to clean and maintain



Ultraguard

(Protectant and Densifier for Concrete Floors)

A water-based polymeric protectant that improves the appearance and durability of concrete floors.

Contains a powerful stain-resistant additive and is further enhanced with lithium silicate, which provides densification of the concrete surface. This product also contains UV absorbers that enable to protect coloured or dyed concrete against UV degradation. It can be used alone or in combination with a reactive sealer that give concrete floors a glossy finish, harder surface, and protective seal.

- Can provide instant gloss to concrete floors
- Water-based, low odor, low VOC content
- Treated concrete is easier to maintain

Wall Sealer

Flowseal EPW Wall

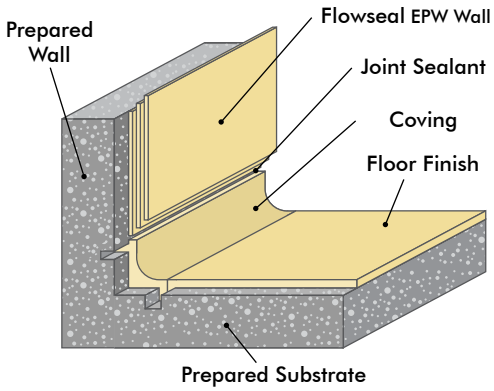
Cleanroom® Suitable Materials

A pigmented, water-based epoxy wall sealer that is compliant to CSM® (Cleanroom Suitable Materials) requirements.

Suitable for use as a wall coating in semiconductor, pharmaceutical and hospital environments.

- Qualified under CSM test parameters for outgassing VOC behaviour.
- The seamless finish allows the surface to be cleaned easily.
- Vapour permeable and can be applied to damp substrates.

System Design



White | Oyster | Silver Grey | Dolphin Grey

Sky Blue | Pale Green

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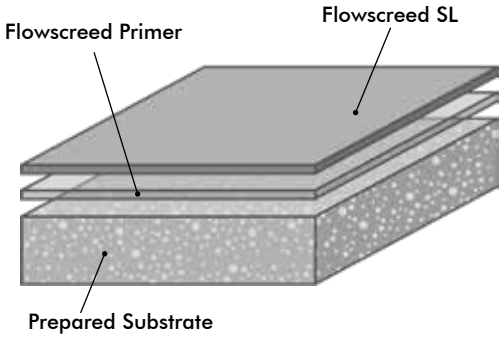
Cementitious Underlayment System (For Floor Substrate Repairs)

System Design





Flowscreed SL

A single component, high strength, micro-fiber reinforced, quick drying cementitious self-leveling underlayment designed to level uneven floor substrate.

It is suitable to be used as a repair and levelling course and can be applied at thickness up to 20mm.

- Will self smooth (when applied above 3mm) to level out uneven surfaces.
- Can be applied by hand or pumped on site dependent on project requirements.
- Supplied in single pack format reducing the need for excessive packaging.

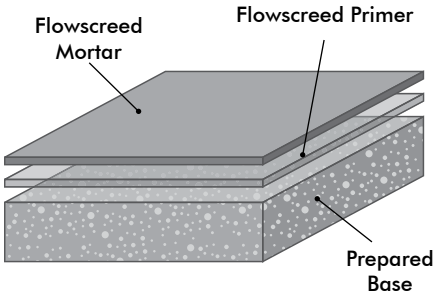
Flowscreed Mortar

A single component, quick drying, cementitious screed used for repairing floors prior to the installation of the floor finish.

Laid by hand at thicknesses ranging from a minimum of 20 mm up to 50 mm neat. Thicknesses more than 50 mm can be extended by up to 50% with washed aggregates.

- Can walk on after 4 hours under normal conditions.
- Provides a strong and durable surface ready to receive a variety of finishes.
- Exhibits excellent early compressive strength for repair projects.

System Design





PRODUCT SELECTOR

Semiconductor

Main Production Areas	Flowshield SL	Flowshield ESD BVG
Cleanrooms	•	
ESD (Electrostatic Discharge) Control Areas		•
Testing Area		•
Gowning / Anteroom	•	
Corridors	•	

Facility Support Areas	Flowshield SL	Flowseal EPW Wall	Flowcoat CR	Flowseal EPW	Flowcoat HTS	Flowshield CR	Flowshield UCR	Flowchem VE GL
Utility & Equipment Rooms	•			•				
Mechanical & Electrical Rooms	•			•				
Packaging Areas	•							
Warehouses & High Traffic Areas					•			
Chemical Mixing, Storage Areas & Drainages						•	•	•
Waste Water Treatment Plant								•
Wafer Slab			•					
Walls, Ceilings and Soffits		•						

Common Areas	Mondéco	Flowflake Terrosso	Deckshield ED Rapide	Deckshield ID/LBD
Receptionist / Lobby	•			
Cafeteria	•	•		
Rooftop Carpark			•	
Intermediate / Lower Deck Carpark				•

Data Centres

Floor Zone	Flowshield ESD BVG	Mondéco	Flowflake Terrosso	Flowshield SL	Deckshield LBD	Flowseal EPW (floor sealer)
Servers, Data Halls and Corridors	•					
Office and Reception Areas		•				
Meeting Areas			•			
Mechanical Rooms	•					
Chiller and M&E Rooms				•		
Loading and Unloading Area					•	
Exposed Ground Floor Carpark					•	
Fire Escape Staircase						•

Food & Beverage

Floor Zone	Flowfresh RT	Flowfresh SR	Flowfresh MF	Flowcoat HTS	Flowshield CR
Cold Room / Anteroom	•				
Wet Processing		•			
Cooking Area		•			
Dry Packaging			•		
Dry Processing			•		
Warehouse			•	•	
Loading Area			•	•	
Technical				•	
Laboratory					•
Corridor			•		
Changing Room			•		
Raw Material Unloading			•		

Product Selector

Pharmaceutical

Production Areas	Flowflake Terrosso	Flowshield SL	Flowshield CR	Flowshield UCR	Flowfresh RT + Coating	Flowchem VE GL
Production Areas	•	•				
Clean Rooms		•				
Laboratories			•	•		
Changing Rooms	•	•				
CIP Kitchen					•	
Chemical Storage Areas			•	•		•

Utulitiy Areas	Flowcoat HS	Flowtex AOS
M&E / AHU / Pump Rooms	•	
Permanent Moisture Barrier		•

Common and Support Areas	Flowflake Terrosso	Flowshield SL	Mondéco	Flowfresh RT
Corridors	•	•		
Cafeteria			•	
Offices			•	
Refuse Chamber				•

Aircraft Hangar

Aircraft Hangar Area	Flowshield SK + UV	Deckshield LBD	Flowshield ESD BVG	Flowcoat HS
Main Aircraft Hangar	•			
Aircraft Parking / Maintenance Bay	•			
Aircraft Wheel / Traffic Paths	•			
MRO Maintenance Area	•			
Engine Maintenance Area	•			
Aircraft Washing Area		•		
Fuel / Chemical Handling Area	•			
Parts Workshop	•			
Avionics / Electronics Workshop			•	
Parts Warehouse				•

Automotive

Automotive Plant Area	Flowshield SL	Flowshield CR	Flowshield ESD BVG	Flowfresh MF	Euco Diamond Hard	Deckshield System	Deckshield LBD
Body / Welding Shop	•						
Paint Shop	•						
Paint Mixing / Chemical Room		•					
Assembly Line	•						
EV Battery Assembly			•				
Electronics / ECU Assembly			•				
AGV / AMR Operating Area				•			
Automated Warehouse / ASRS					•		
General Warehouse					•		
Parts Storage					•		
Engine / Transmission Production				•			
Machining Area		•					
Maintenance Workshop	•						
Quality Control / Laboratory	•						
Car Park						•	
Loading Bay						•	•

TRUSTED BY LEADING BRANDS

Semiconductor

APPLIED MATERIALS
Canon
Honeywell
neways
Nitto
PLEXUS
OSRAM
SEAGATE
ViTrox

Data Centres

amazon
Keppel
Microsoft
Princeton Digital Group
SingTel
VANTAGE DATA CENTERS

Food and Beverage

Nestlé
Mondelēz International
Kellogg's
PEPSI
Heineken
李錦記 LEE KUM KEE
CP
F&N



Pharmaceutical

abbvie

GSK

Johnson&Johnson

MSD

NOVARTIS

Pfizer

Automotive

BMW

BYD

Mercedes-Benz

PORSCHE

TOYOTA

Volkswagen

Aerospace

AIRBUS

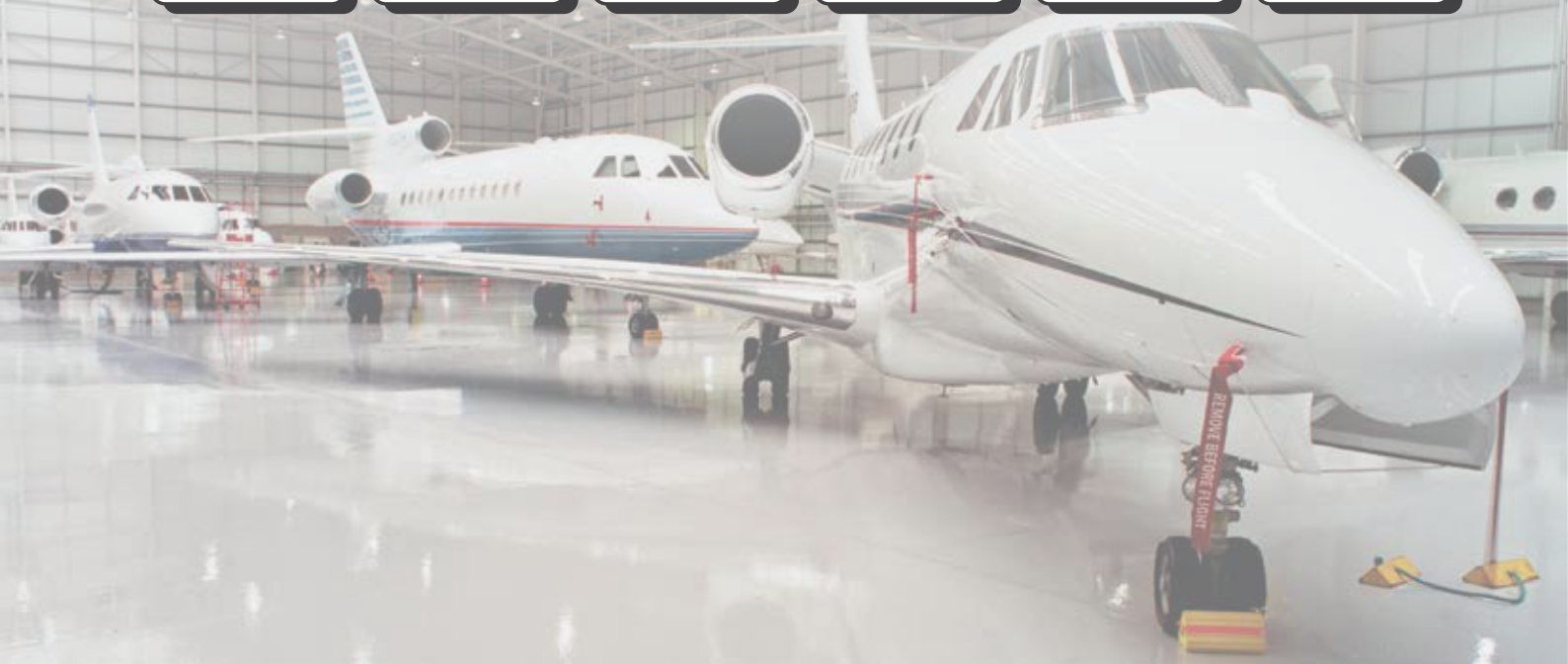
Collins Aerospace

GE Aerospace

Lufthansa

Rolls-Royce

SriLankan Airlines



OUR COMMITMENT TO EXCELLENCE

At Flowcrete, we take pride in delivering flooring solutions that meet and exceed the highest international standards for quality, performance, safety, and sustainability. Every product is the result of our dedication to innovation, precision, and environmental responsibility.

Certifications & Standards:

- ISO 9001:2015 – Certified Quality Management System
- ISO 14001:2015 – Environmental Management System
- ISO 45001: 2018 - Occupational Health and Safety Management Systems
- ANSI/ESD S20.20, EN 61340-5-1 and EN 61340-4-5 – Performance tested for ESD flooring
- CSM – Certified Cleanroom Suitable Materials
- VOC Compliant / Singapore Green Building Product certified – Low-emission, environmentally responsible products
- HACCP International Certified - Hazard Analysis and Critical Control Point
- Building a Better World Program - Integrates sustainability into every level of RPM business

Trusted Worldwide • Certified for Quality • Committed to Sustainability

Flowcrete

for the world at your feet

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Philippines | Singapore | South Korea | Taiwan | Thailand | Vietnam

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Contact Us

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