



► Specialist resin, HACCP International-certified hygienic flooring systems for today's...

FOOD & BEVERAGE PROCESSING

ENGINEERED FOR HYGIENE.

BUILT FOR FOOD & BEVERAGE ENVIRONMENTS

Engineered flooring solutions built for hygiene, safety, and performance.



Flowfresh – The Smarter Standard for Safe & Sustainable Flooring

Flowfresh system is engineered with a 100% phthalate-free formulation containing no adipates or terephthalates, it delivers a safer and hygienic solution that combines premium performance with environmental responsibility for food & beverage industries.

Unlike many conventional “phthalate-free” alternatives that still rely on plasticisers (which may gradually migrate or lose performance over time), Flowfresh is designed for long-term performance, preserving its structural integrity even under demanding operational conditions.

The seamless, dense water-tight surface is easy to clean and highly resistant to chemicals and impact, making it ideal for food processing, beverage production, cold storage and commercial kitchen environments. Designed in compliance with HACCP International requirements, it provides hygiene assurance, operational reliability and regulatory confidence.

Why Specialised Flooring Matters

- **Exceptional Thermal Shock Resistance**
Withstands extreme temperature fluctuations, including steam cleaning and hot water washdowns.
- **Heavy-Duty Durability**
Engineered for high-impact, heavy traffic and abrasion resistance in demanding production and high-traffic areas.
- **Superior Chemical Resistance**
Resists organic acids, sugars, fats, blood and cleaning chemicals commonly found in food production.
- **Sustainability Solution**
Developed using environmentally friendly raw materials, the formulation is designed to promote healthier indoor air quality. It aligns with our RPM’s sustainability program, Building a Better World and meeting internationally recognised green building standards.

Smart Flooring Solutions for Safer, Greener F&B Facilities

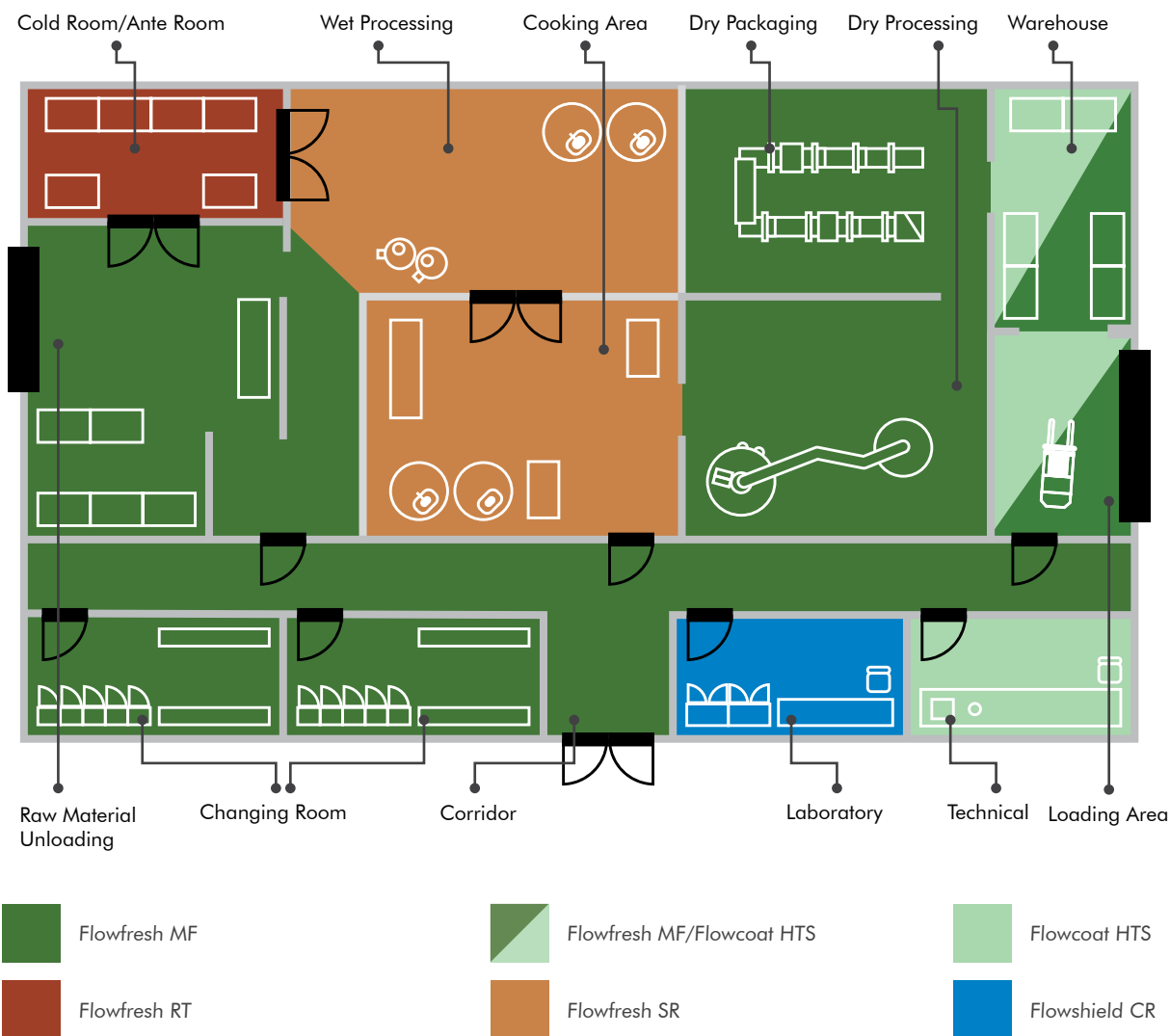
As part of our commitment to building a better world, Flowfresh supports sustainable construction and contributes toward internationally recognised green building standards such as LEED, BREEAM and SGBP. These standards promote healthier indoor air quality, an area where Flowfresh performs strongly.

Additionally, by eliminating concerns associated with traditional plasticisers such as potential hormone disruption caused by chemical migration, Flowfresh provides peace of mind to facility owners, operators and customers. This reflects a proactive response to evolving regulations and increasing expectations for material safety and environmental performance.

Safe. Durable. Responsible. Future-ready.

Flowfresh is more than just a flooring system — it is a commitment to higher standards.

Where To Use Flowcrete Flooring Systems In Your Food and Beverage Processing Plant (By Floor Zones)

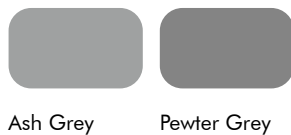
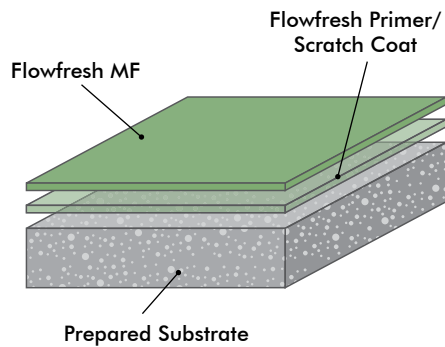


Flowcrete Flooring Systems Summary

	THICKNESS	TYPE	DESCRIPTION	AREA
Flowfresh MF	2-4 mm	Polyurethane	A matt finish polyurethane floor system for use in dry areas.	Changing Room Corridor Dry Packaging Dry Processing Loading Area Raw Material Unloading Warehouse
Flowfresh RT	6-9 mm	Polyurethane	A slip-resistant polyurethane screed for use in wet and thermal shock areas.	Cold Room/Ante Room Cooking Area
Flowfresh SR	Dependant on specification (nominal thickness 3-4 mm)	Polyurethane	A heavy duty polyurethane floor with an anti slip finish.	Wet Processing
Flowcoat HTS	Dependent on specification	Hybrid Polyurethane	A heavy duty pigmented hybrid polyurethane coating system.	Loading Area Warehouse Technical
Flowfresh Cove	Dependent on specification	Polyurethane	Designed as a footing/ moulding compound to form seamless coves for hygienic wall-to-floor transitions.	All areas where cove is required
Flowshield CR	2-3 mm	Epoxy	A highly chemical-resistant epoxy floor for dry areas exposed to spills	Laboratory



System Design



**The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match.

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-certified for use in food processing areas.



Chemical-resistant against common acids used 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.

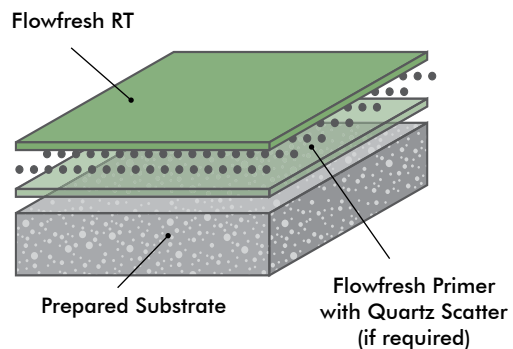


Resistant to extreme temperatures, from -45°C to 120°C (at 9mm).



Durable floor finish for harsh wet processing conditions.

System Design



Warm Buff



Clay



Coral Red



Shamrock Green



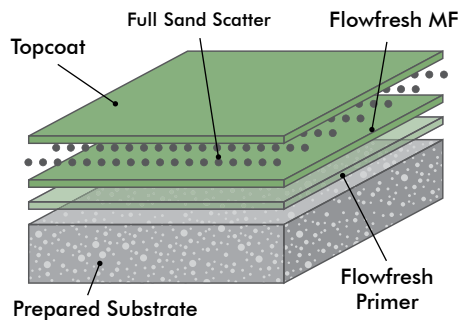
Ash Grey



Pewter Grey

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System Design



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.

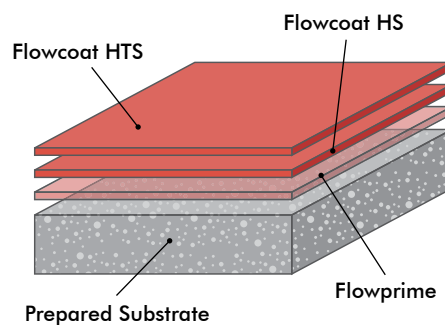
Flowcoat HTS

(Thickness dependent on specification)

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

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

System Design



Sand



Chilli Red



Steel Blue



Mid Blue



Light Green



Dark Green



Sage Grey



Mist Grey



Steel Grey



Charcoal



Provides a high strength coating for high traffic isles and warehouses.

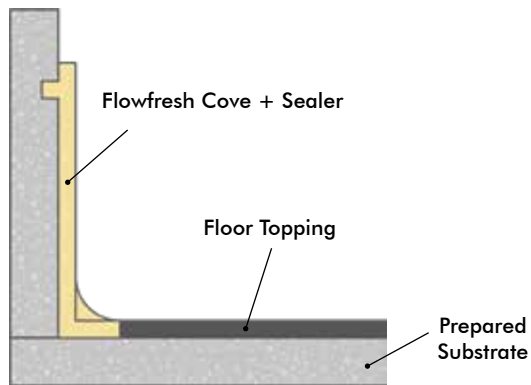


100% UV light stable and does not yellow over time.



Cost-effective solution without compromising performance.

System Design



Warm Buff

Clay

Coral Red

Shamrock Green



Ash Grey

Pewter Grey

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Flowfresh Cove

(Thickness dependent on specification)

A 4-component, phthalate-free polyurethane concrete coving system.

Designed as a footing/moulding compound to form seamless coves, it pairs with Flowfresh MF and RT systems to create hygienic wall-to-floor transitions.



Very good thermal shock properties and resistant to extreme temperatures.

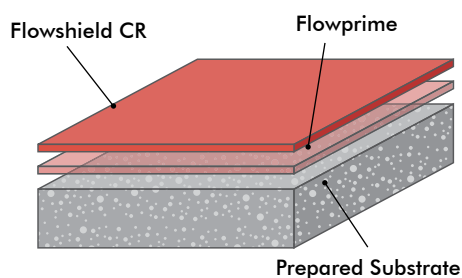


Eco Friendly: Low VOC and low-odour.



Seamless finishing from floor-to-wall for easy cleaning.

System Design



Sand



Chilli Red



Steel Blue



Mid Blue



Light Green



Dark Green



Sage Grey



Mist Grey



Steel Grey



Charcoal

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Flowshield CR

(2-3 mm)

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

TRUSTED BY LEADING BRANDS





Flowfresh SR
Anti-slip Texture



Flowfresh Cove
HACCP International - compliant



Flowfresh MF
Low VOC



Flowfresh RT
Temperature Resistant

Flooring
solutions for
EVERY space
and function



Flowfresh RT
Awarded 4-tick SGBC



Flowcoat HTS
Abrasion Resistant

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
- 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



Australia | China | Hong Kong | Indonesia | Japan | Macao | Malaysia | New Zealand
Philippines | Singapore | South Korea | Taiwan | Thailand | Vietnam



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