

Flowcrete
for the world at your feet



HACCP International certified antimicrobial cementitious polyurethane floor coating systems, ideal for use in areas where hygiene is critical.

FLOWFRESH HYGIENIC RESIN FLOORING SOLUTIONS



APPLICATION SUITABILITY



Animal Care



Bakeries & Confectionery



Bottling Plants & Breweries



Dairies & Hatcheries



Food Manufacturing



Food Preparation



Healthcare & Pharmaceutical



Meat, Poultry & Seafood

HACCP International Certified Hygienic Flooring

A food and beverage processing floor is subject to constant traffic, impact damage due to equipment handling and often subject to attack from chemicals and corrosive ingredients.

Resin flooring systems ensure a non-porous, smooth and seamless surface, making it very difficult for microbes or mould to grow.

HACCP international certified and tested to ISO 22196 polyurethane flooring materials offer enhanced product protection with the inclusion of Polygiene antimicrobial silver ion technology protecting the microbial degradation.

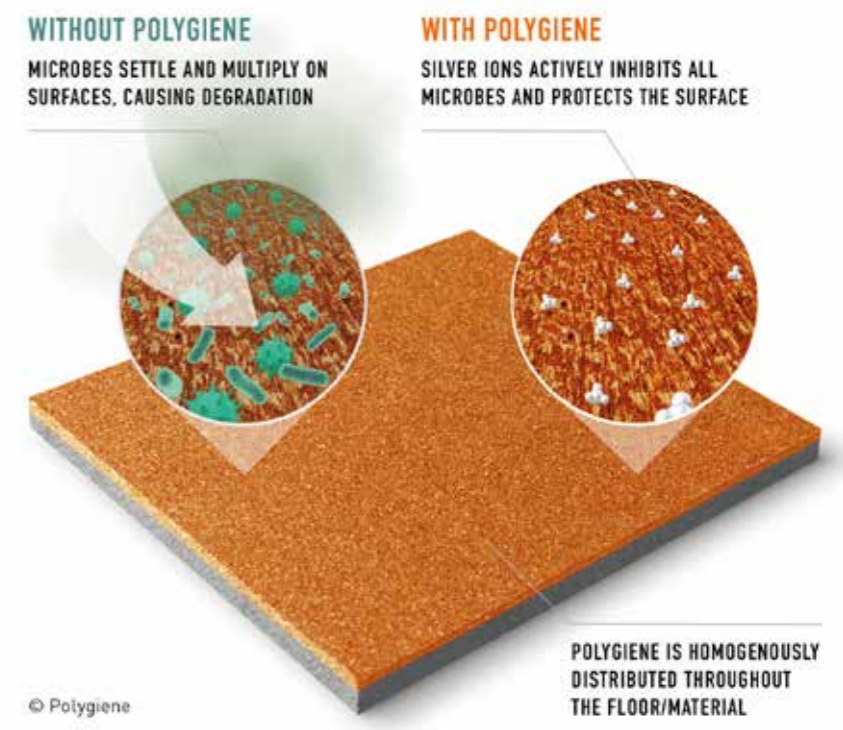


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Flowfresh represents a new generation of high performance antimicrobial flooring. Created in partnership with Polygiene®, Flowfresh harnesses silver's natural ability to inhibit the growth of microbes.

Proving that a building is able to meet a high standard of hygiene is essential in many sectors, especially contamination sensitive settings such as the food and beverage, pharmaceutical and electronics industries.

Based on polyurethane concrete, the key aspects of Flowfresh, making it an ultra-hygienic flooring system, include its seamless, impervious, highly durable nature combined with its ability to incorporate coving and stainless-steel drainage.

Flowfresh is HACCP International certified safe for use in food and beverage processing environments and meets the stringent ISO 22196 standard of evaluating the antimicrobial activity of antimicrobial treated plastics and other non-porous surfaces.

Resistance Chart

BACTERIAL RESISTANCE

MRSA	✓	Enterococcus Faecalis	✓
E-coli	✓	Staphylococcus Aureus	✓
Listeria	✓	Streptococcus Pyogenes	✓
Proteus Vulgaris	✓	Pseudomonas Aeruginosa	✓
Salmonella Typhi	✓	Campylobacter	✓

CHEMICAL RESISTANCE*

Hydrochloric Acid	✓	Methanol	✓
Sulphuric Acid	✓	Sugar Syrups	✓
Citric Acid	✓	Caustic Soda	✓
Acetic Acid	✓	Petrol	✓
Lactic Acid	✓	Oil Ingredients	✓
Phosphoric Acid	✓	Detergents	✓

*A chemical resistance chart is available on request.



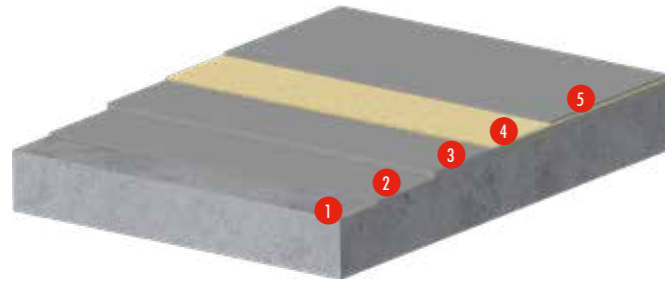
SYSTEM COMPONENTS

	DESCRIPTION	USES
Flowfresh Primer	A 3-component, water-based, polyurethane primer for concrete and cementitious substrates. Flowfresh Primer will bond to surface dry substrates that have a Relative Humidity up to 97% (ASTM F2170 (AS1884:2012)).	For priming concrete and screeds, prior to overcoating with the Flowfresh flooring system.
Flowfresh SL	3-component, polyurethane cement base coat for the Flowfresh Range containing the antimicrobial additive, Polygiene®.	Used as a base coat to Flowfresh flooring systems e.g. Flowfresh SR.
Flowfresh Coating Satin	3-component, semi-gloss polyurethane cement sealer with low odour. Containing the antimicrobial additive, Polygiene®.	Used as a sealer to Flowfresh flooring systems e.g. Flowfresh SR.
Flowfresh Sealer	2-component, full gloss polyurethane sealer with low odour. Containing the antimicrobial additive, Polygiene®.	Used as a sealer to Flowfresh flooring systems e.g. Flowfresh SR.
Flowfresh Coating	3-component, matte polyurethane cement sealer with low odour. Containing the antimicrobial additive, Polygiene®.	Used as a sealer to Flowfresh flooring systems e.g. Flowfresh SR.



SYSTEM BUILD UPS

Flowfresh SR 4-9mm Satin

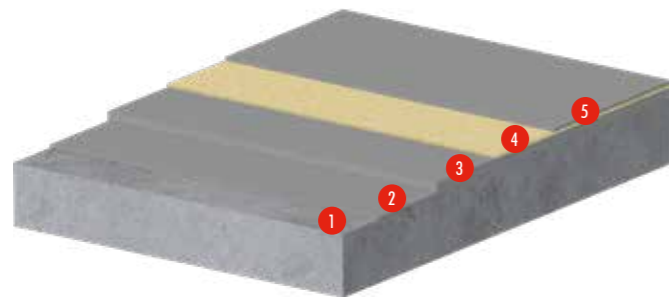


A heavy duty, antimicrobial, polyurethane resin floor system offering an anti-slip, chemical resistant and easy to clean textured satin finish.

- 1 Prepared Substrate
- 2 Flowfresh Primer
- 3 Flowfresh SL
- 4 Aggregate Layer
- 5 Flowfresh Coating Satin

Best suited to wet processing zones such as food manufacturing, preparation areas, commercial kitchens and chemical processing plants.

Flowfresh SR 4-6mm Matte

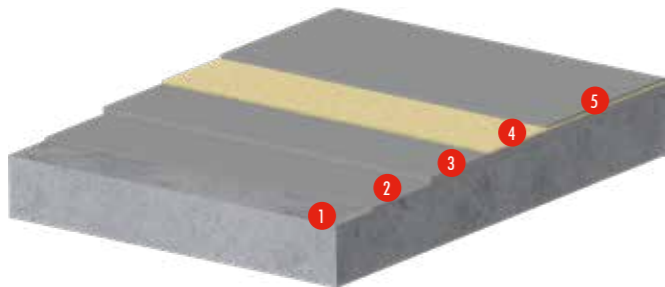


A heavy duty, chemical resistant, antimicrobial, polyurethane resin floor system, with a positively textured slip resistant finish.

- 1 Prepared Substrate
- 2 Flowfresh Primer
- 3 Flowfresh SL
- 4 Aggregate Layer
- 5 Flowfresh Coating

Best suited to wet processing zones subjected to high volumes of foot traffic.

Flowfresh SR 4-6mm Gloss




A heavy duty, chemical resistant, antimicrobial, polyurethane resin floor system, with a positively textured slip resistant finish.

- 1 Prepared Substrate
- 2 Flowfresh Primer
- 3 Flowfresh SL
- 4 Aggregate Layer
- 5 Flowfresh Sealer

Best suited to heavy duty wet processing areas or food preparation zones.



-  **Hygienic:** HACCP Internationally Certified and contains Polygiene.
-  **Thermal Resistant:** 4mm between -5 to 80°C. 6mm between -15 to 100°C. 9mm between -40 to 120°C.
-  **Slip Resistant:** Impressive anti-slip profile in dry and wet conditions.
-  **Easy to Clean:** Easy to clean solution thanks to its satin finish.

-  **Hygienic:** HACCP Internationally Certified and contains Polygiene.
-  **Thermal Resistant:** 4mm between -5 to 80°C. 6mm between -15 to 100°C. 9mm between -40 to 120°C.
-  **Slip Resistant:** Impressive anti-slip profile in dry and wet conditions.
-  **Chemical Resistant:** Resistant against a wide range of commonly used chemicals.

-  **Hygienic:** HACCP Internationally Certified and contains Polygiene.
-  **Thermal Resistant:** Resistant to temperatures: 4mm between 0 to 65°C. 6mm between 0 to 80°C.
-  **Slip Resistant:** Impressive anti-slip profile in dry and wet conditions.
-  **Attractive Finish:** High gloss sealer delivers the wow factor.



SYSTEM BUILD UPS

Flowfresh SL 3-4mm



A pigmented, self-smoothing, chemical resistant, polyurethane resin-based floor finish containing Polygiene® antimicrobial additives.

- 1 Prepared Substrate
- 2 Flowfresh Primer
- 3 Flowfresh SL

Best suited to packaging areas and processing zones subject to light-medium foot and wheeled traffic.

Flowfresh SRQ 4-6mm



A heavy duty, chemical resistant and hygienic hybrid resin flooring system with a decorative coloured quartz finish.

- 1 Prepared Substrate
- 2 Flowfresh Primer
- 3 Flowfresh SL
- 4 Flowfast 215 Flexible Binder - Broadcast with Coloured Quartz 20/40
- 5 Flowfast 319 Flexible Sealer
- 6 Flowfast 319 Flexible Sealer

Best suited to internal wet processing and food preparation areas that require a rapid curing solution.



- Hygienic:** HACCP Internationally Certified and contains Polygiene.
- Thermal Resistant:** 3mm from -5°C to 80°C.
- Chemical Resistant:** Protects against the majority of acids used in manufacturing processes.
- Durable:** Holds its own against impact, traffic and chemical attack.

- Rapid Curing:** MMA additives speed up cure time, reducing construction schedules.
- Thermal Resistant:** Tolerant of sustained temperatures up to 70°C.
- Resistant:** Holds its own against impact, traffic and chemical attack.
- Slip Resistant:** Provides slip resistance for traction underfoot.



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