



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.

While antimicrobial agents like Polygiene® are not a substitute for cleaning or sanitising, they complement a HACCP program by helping to control microbiological hazards on non-food contact surfaces. These products align with HACCP principles by inhibiting bacterial growth between cleaning cycles.

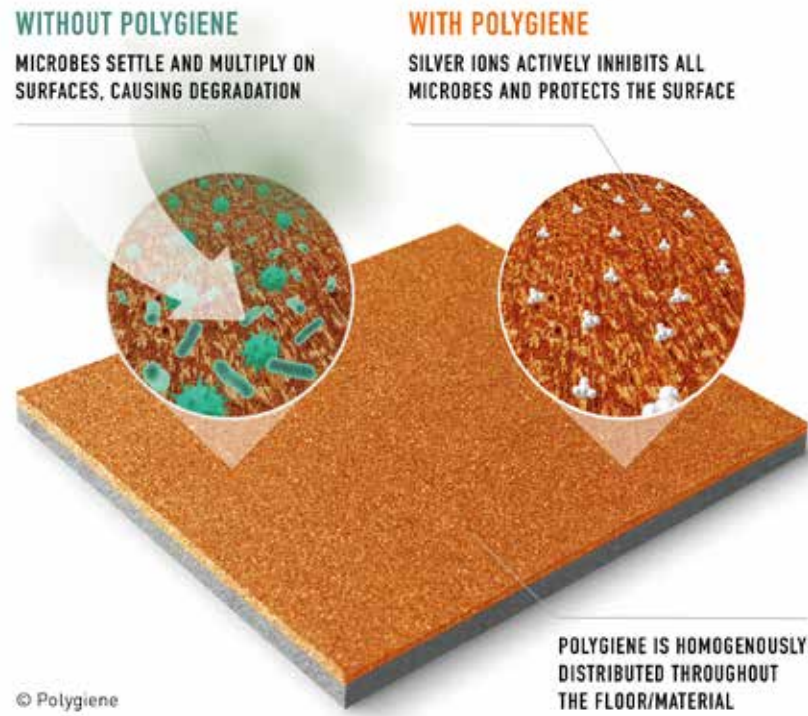


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Flowfresh represents a new generation of high performance antimicrobial flooring. Created in partnership with Polygiene®, Flowfresh harnesses silver's natural ability to inhibit the growth of microbes.

In the food and beverage industry, maintaining uncompromising hygiene standards is non-negotiable. From processing to packaging, every surface must support a clean, contamination-free environment.

Flowfresh is purpose-built for these high-stakes settings. Based on polyurethane concrete technology, it offers a seamless, impervious and highly durable flooring system designed to withstand the daily demands of the food and beverage industry.

Flowfresh is HACCP International certified and compliant with ISO 22196, confirming its ability to support food safety by meeting industry, legislative, and GFSI-endorsed standards—making it ideal for hygienic food and beverage environments.

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

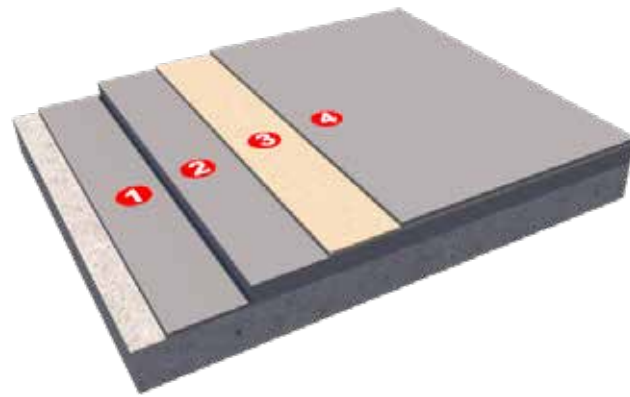
	DESCRIPTION	USES
Flowfresh Primer	A 3-component, water-based, polyurethane primer for concrete and cementitious substrates. Flowfresh Primer will bond to surface dry substrates that have a Relative Humidity up to 97% (ASTM F2170 (AS1884:2012)).	For priming concrete and screeds, prior to overcoating with 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 high-performance antimicrobial PU cement flooring system, designed for durability and safety with a textured satin finish that's slip-resistant, chemical-resistant, and easy to clean.

- | | |
|--------------------|---------------------------|
| 1 Flowfresh Primer | 3 Aggregate Layer |
| 2 Flowfresh SL | 4 Flowfresh Coating Satin |

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



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.

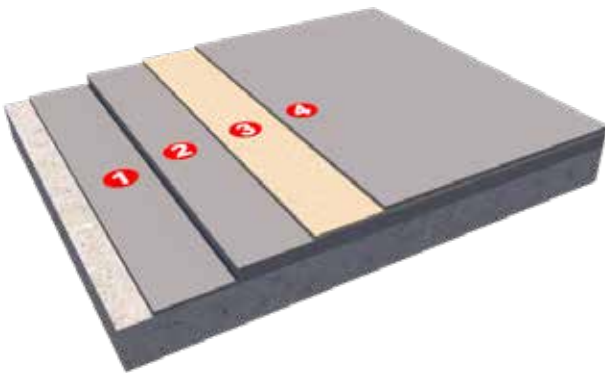


Slip Resistant:
Impressive anti-slip profile in dry and wet conditions.



Easy to Clean:
Easy to clean solution thanks to its satin finish.

Flowfresh SR 4-6mm Matte



A tough polyurethane flooring system with built-in antimicrobial protection and a positively textured matte finish for enhanced safety and hygiene.

- | | |
|--------------------|---------------------|
| 1 Flowfresh Primer | 3 Aggregate Layer |
| 2 Flowfresh SL | 4 Flowfresh Coating |

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



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.

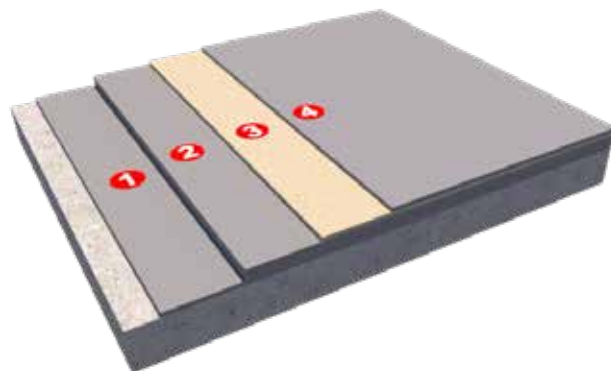


Slip Resistant:
Impressive anti-slip profile in dry and wet conditions.



Chemical Resistant:
Resistant against a wide range of commonly used chemicals.

Flowfresh SR 4-6mm Gloss



An antimicrobial polyurethane resin floor system with a high-gloss, textured, slip-resistant finish, delivering a sleek, easy-to-maintain surface.

- | | |
|--------------------|--------------------|
| 1 Flowfresh Primer | 3 Aggregate Layer |
| 2 Flowfresh SL | 4 Flowfresh Sealer |

Best suited to food preparation or food service areas.



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.

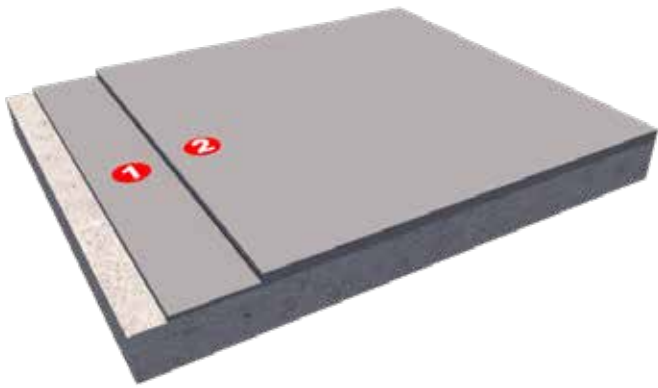


Attractive Finish:
High gloss sealer delivers the wow factor.



SYSTEM BUILD UPS

Flowfresh SL 3-4mm



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

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

Best suited to internal areas that require a rapid curing or remedial 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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