



Specialist Resin Flooring Systems for:

MEAT & POULTRY PROCESSING FACILITIES

- ✓ Slaughter & Process Areas
- ✓ Assembly Lines & Packaging
- ✓ Storage Areas & Loading Bays
- ✓ Offices & Restrooms



Welcome to Flowcrete UK







In Europe, particularly in the UK, meat and poultry processing facilities are legally mandated to implement and achieve food safety management systems.

The European Food Safety Authority (EFSA) and the Food Standards Agency (FSA) stipulate that the principles outlined by the Hazard Analysis and Critical Control Point (HACCP) are to be achieved by food processing environments. As such, hygiene and safety are the top priority so as to avert the risk of foodborne illness resulting from contaminated meat and fish products.

On top of this, meat and poultry plants are exposed to aggressive cleaning methods and contaminants including blood, grease and oil. These areas require tough floor coatings with added hygiene protection and a high grade texture to prevent slip/fall accidents when surfaces are wet. Flowcrete UK offers a complete package of specialty resin and antimicrobial treated floor coating systems designed to cater for all areas within a meat or poultry processing facility.

Meat & Poultry Processing Facilities



 Flowfresh HF LT	 Flowfresh SL	 Flowcoat SF41
 Flowfresh SR	 Flowfresh MF	 Flowfast Quartz & Classic for wet areas

✓ For the application suitability of each system, look out for the check mark symbol throughout the brochure.



Polygiene® Antimicrobial Effectiveness



SARS-CoV	✓
Salmonella Typhi	✓
MRSA	✓
Enterococcus Faecalis	✓
E-coli	✓
Staphylococcus Aureus	✓
Listeria	✓
Streptococcus Pyogenes	✓
C.difficile	✓
Pseudomonas Aeruginosa	✓
Proteus Vulgaris	✓
Campila Bacta	✓



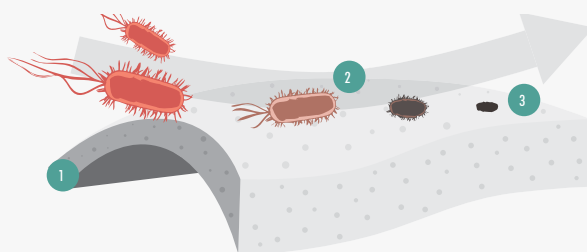
HACCP International Certified Hygienic Flooring

Hygienic, easily cleaned and slip-resistant flooring is a crucial aspect of any meat or poultry plant operating a food safety management system based on hazard prevention.

Resin flooring systems ensure a non-porous, smooth and seamless surface where there is nowhere for bacteria or mould spores to grow.

Flowcrete UK's HACCP International certified and ISO 22196 compliant cementitious urethane flooring materials offer enhanced protection with the inclusion of Polygiene®, a silver-ion antimicrobial agent, designed to protect the surface from degradation caused by microbial growth.

How Does Polygiene® Work?



- 1 The silver ions are homogeneously distributed throughout the floor.
- 2 The silver ions migrate to the surface.
- 3 They protect the surface from degradation caused by microbial growth.

Flowfresh HF LT (6–9mm)

A trowel-applied, heavy-duty and HACCP International certified antimicrobial treated polyurethane resin floor screed Flowfresh HF LT provides a durable, anti-slip finish, which is resistant to thermal shock, steam cleaning and moisture vapour transmission.

✓ PROCESSING, PACKAGING, FREEZERS, COOKING AREAS, CHILLER AND THAW AREAS

Standard Colours



Cream



Ochre



Mustard



Red



Dark Green



Gentian Blue



Dark Grey



Mid Grey



TEMPERATURE RESISTANCE:

Tolerant to intermittent spillages up to 120°C or sustained dry heat from -40°C to 105°C (at 9mm thickness).

COEFFICIENT OF THERMAL EXPANSION:

ASTM C531

3.74 x 10⁻⁵ mm/mm°C

SLIP RESISTANCE:

BS 7976-2

Dry > 40
low slip potential



Flowfresh SR (5–6mm)

A slurry-broadcast and HACCP International certified antimicrobial treated polyurethane resin floor system. Flowfresh SR provides a positively textured and vibrantly, anti-slip coloured floor finish, which is resistant to thermal shock and moisture vapour transmission.

✓ SLAUGHTER AREAS

Standard Colours



Cream



Ochre



Mustard



Red



Dark Green



Gentian Blue



Dark Grey



Mid Grey

TEMPERATURE RESISTANCE:

Tolerant to intermittent spillages up to 120°C or sustained dry heat from -40°C to 105°C (at 9mm thickness).

FIRE RESISTANCE:

EN 13501-1

B_{FL} - s1

SLIP RESISTANCE:

BS 7976-2

Dry > 40
low slip potential



Flowcrete UK's materials contain Polygiene®, a silver ion antimicrobial additive designed to offer enhanced hygiene underfoot.

Flowfresh SL (2mm)

A slurry-broadcast, smooth, cost effective and HACCP International certified antimicrobial treated polyurethane resin floor system*. Flowfresh SL provides an excellent alternative to traditional epoxy floor screeds with enhanced durability and anti-slip properties.

✓ CORRIDORS

Standard Colours



Cream



Ochre



Mustard



Red



Dark Green



Gentian Blue



Dark Grey



Mid Grey



TEMPERATURE RESISTANCE:

Tolerant to intermittent spillages up to 60°C or sustained dry heat from -20°C to 50°C.

SLIP RESISTANCE:

BS 7976-2

Dry > 40
low slip potential

WEAR RESISTANCE:

EN 13892-5

Abrasion quantity < 1 cm³



*Flowfresh SR is available for dry areas. Please contact your local Flowcrete representative for further information. A full technical profile is available at www.flowcrete.co.uk

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



Flowfresh MF (4-6mm)

A heavy duty, chemical resistant antimicrobial treated polyurethane resin floor finish. Attractive smooth matt coloured floor finish. Ideal for dry processing zones such as food packaging zone.

✓ DRY STORAGE AREAS

Standard Colours



Cream



Ochre



Mustard



Red



Dark Green



Gentian Blue



Dark Grey



Mid Grey



TEMPERATURE RESISTANCE:

Tolerant to intermittent spillages up to 70°C or sustained dry heat from -20°C to 60°C.

FIRE RESISTANCE:

EN 13501-1

B_{FL} - s1

SLIP RESISTANCE:

BS 7976-2

Dry > 40
low slip potential

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

Flowcoat SF41 (0.35mm)

High performance, solvent free, chemical resistant, epoxy resin coating. Different grades of slip resistance can be achieved by inclusion of graded aggregate between coats. Used in areas such as factories, warehouses, plant and storerooms where high resistance against chemical attack is required.

✓ LOADING BAYS AND EQUIPMENT STORAGE

Standard Colours



Beige



Light Grey



Dark Grey



Tile Red



Dark Grey



Traffic Blue



Goosewing Grey



Forrest Green



IMPACT RESISTANCE:

EN ISO 6272	10 Nm
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SLIP RESISTANCE:

BS 7976-2	Dry > 40 low slip potential
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WEAR RESISTANCE:

EN 13892-5	Abrasion quantity < 1cm ³
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*Flowfresh CR is available for additional chemical resistance. Please contact your local Flowcrete representative for further information. A full technical profile is available at www.flowcrete.co.uk



Flowfast Quartz & Classic for wet areas (4mm)

Durable, fast curing MMA resin floor toppings made from decorative quartz granules in a clear resin binder. Delivers a slip and chemical resistant finish suited to environments subject to heavy foot traffic and aggressive cleaning agents.

✓ OFFICES, BATHROOMS AND CHANGING AREAS

Standard Colours



Red



Grey



Green



Cream



Blue



Yellow

IMPACT RESISTANCE:

EN ISO 6272	10 Nm
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SLIP RESISTANCE:

BS 7976-2	Dry > 40 low slip potential
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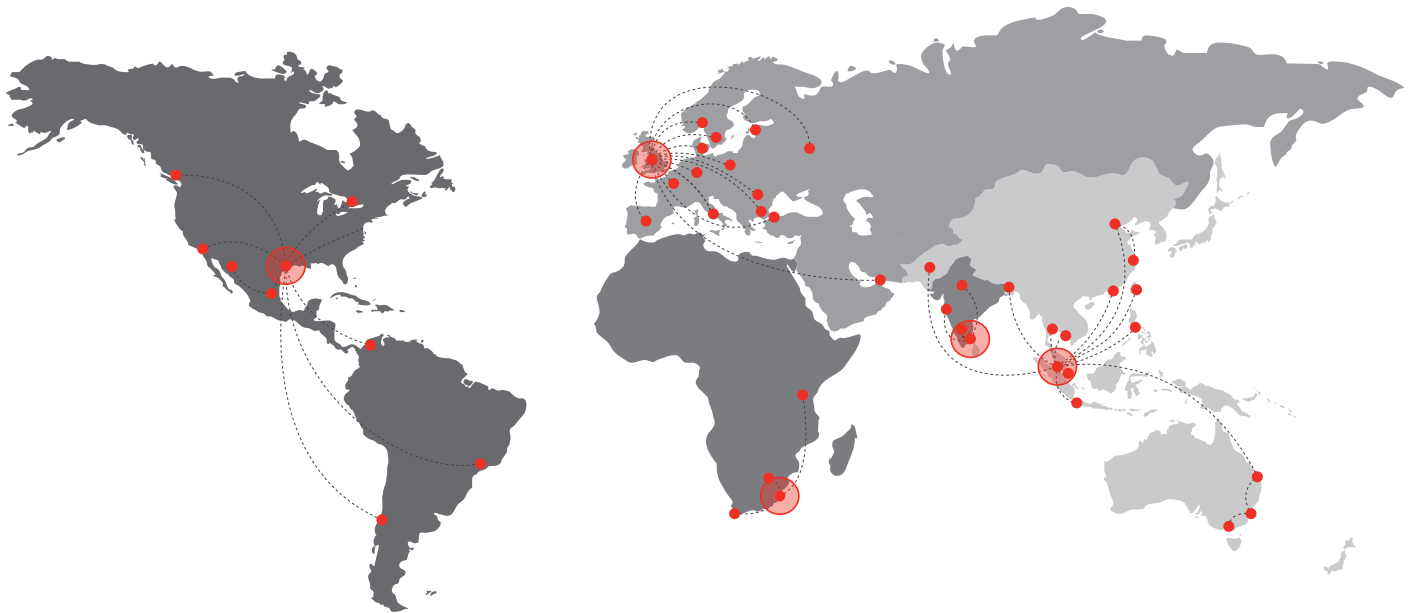
FIRE RESISTANCE:

EN 13501-1	B _{FL} - s1
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*Flowfresh Terrosso is also available with coloured flakes and special colour blends. Please contact your local Flowcrete representative for further information. A full technical profile is available at www.flowcrete.co.uk

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



Flowcrete

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