

# Flowcrete

for the world at your feet



► A complete package of speciality polymer and antimicrobial treated floor coating systems for...

## MEAT & POULTRY PROCESSING

# 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



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



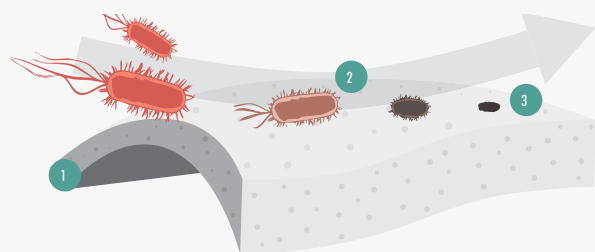
## HACCP International Certified Hygienic Flooring

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 (6–9 mm)

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 <sup>-5</sup> mm/mm°C
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#### SLIP RESISTANCE:

BS 7976-2	Dry > 40 low slip potential
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## Flowfresh SR (5–6 mm)

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 <sub>FL</sub> - s1
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#### SLIP RESISTANCE:

BS 7976-2	Dry > 40 low slip potential
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Flowcrete UK's materials contain Polygiene®, a silver ion antimicrobial additive designed to offer enhanced hygiene underfoot.

## Flowfresh SL (2 mm)

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



#### 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
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#### WEAR RESISTANCE:

EN 13892-5	Abrasion quantity < 1 cm <sup>3</sup>
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\*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](http://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 UK's materials offer a seamless, smooth finish that is easily cleaned and does not allow the collection of dust in compliance with HACCP.

## Flowfresh MF (4-6 mm)

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 <sub>FL</sub> - s1
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#### SLIP RESISTANCE:

BS 7976-2	Dry > 40 low slip potential
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Applied colours may differ from the examples shown. For a full technical profile, colour chart and samples, contact your local Flowcrete office.

## Flowcoat SF41 (0.35 mm)

A high performance, solvent free, epoxy resin coating that can deliver an anti-slip profile by inclusion of shaded aggregate between coats. Flowcoat SF41 is also hard wearing against sustained vehicle traffic, as well as chemical and abrasion resistant.

LOADING BAYS AND EQUIPMENT STORAGE

### Standard Colours



Beige



Light Grey



Dark Grey



Tile Red



Mid Grey



Traffic Blue



Goosewing Grey



Forest 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 <sup>3</sup>
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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](http://www.flowcrete.co.uk)



## Flowfast Quartz & Classic for wet areas (4 mm)

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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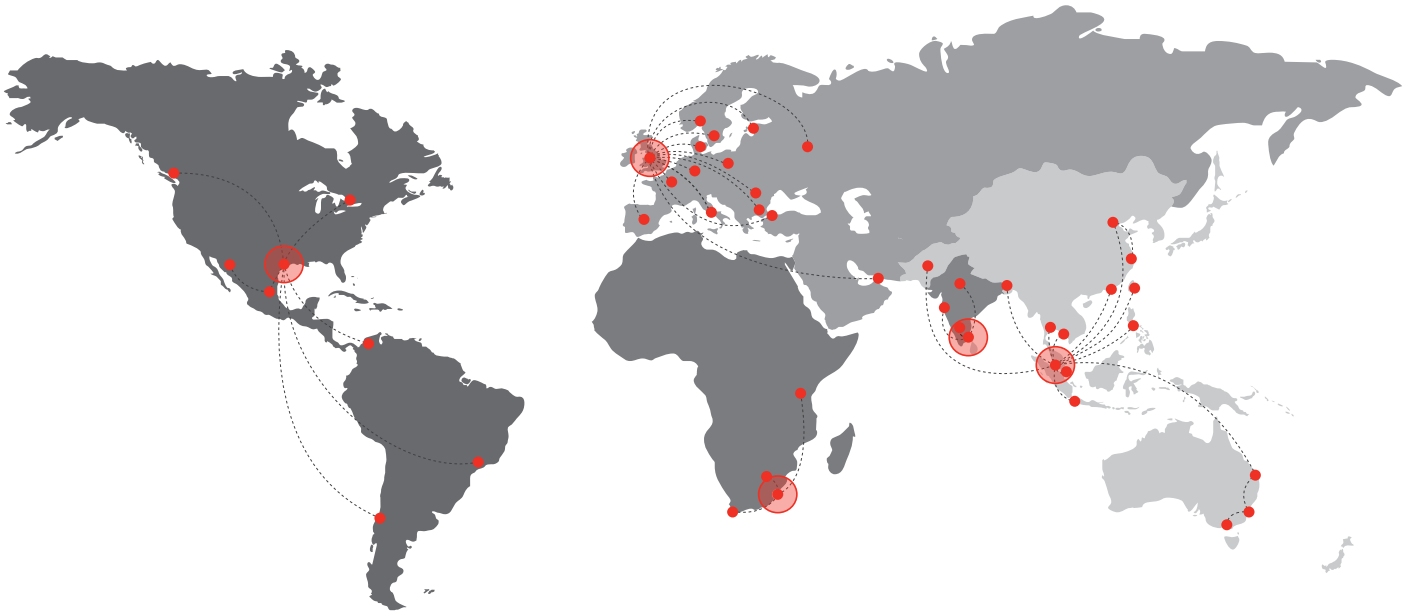
#### FIRE RESISTANCE:

EN 13501-1	B <sub>FL</sub> - 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](http://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

World leader in seamless resin flooring solutions and other specialist coatings.

## Europe & Middle East

Baltic States	+48 883 303 880	latvia@flowcrete.com
Bulgaria	+359 898 61 58 31	bulgaria@flowcrete.com
Denmark	+46 435 40 01 10	denmark@flowcrete.com
France	+33 1 60 61 74 42	france@flowcrete.com
Germany	+49 4187 50 29 470	germany@flowcrete.com
Italy	+39 339 4853258	italy@flowcrete.com
Norway	+47 6486 0830	norway@flowcrete.com
Poland	+48 22 879 8907	poland@flowcrete.com
Romania	+40 766 596 991	romania@flowcrete.com
Russia	+7 916 931 35 13	russia@flowcrete.com
Spain	+34 937 07 0872	spain@flowcrete.com
Sweden	+46 435 40 01 10	sweden@flowcrete.com
Turkey	+90 212 294 6567	turkey@flowcrete.com
UAE	+971 4 886 4728	uae@flowcrete.com
UK	+44 1270 753 000	uk@flowcrete.com

## Africa

East Africa	+254 20 682 1011	eastafrica@flowcrete.com
South Africa	+27 31 701 0017	southafrica@flowcrete.com

## India

India	+91 44 4017 6600	india@flowcrete.com
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## Asia Pacific

Australia	+61 7 3205 7115	australia@flowcrete.com
Bangladesh	+88 02 985 7222	bangladesh@flowcrete.com
China	+86 10 8472 1912	china@flowcrete.com
Hong Kong	+852 2795 0478	hongkong@flowcrete.com
Indonesia	+62 21 252 3201	indonesia@flowcrete.com
Malaysia	+60 3 6277 9575	malaysia@flowcrete.com
Pakistan	+92 337 3159272	pakistan@flowcrete.com
Philippines	+63 2 834 6506	philippines@flowcrete.com
Singapore	+65 6848 7166	singapore@flowcrete.com
Taiwan	+886 916 954 291	taiwan@flowcrete.com
Thailand	+66 2539 3424	thailand@flowcrete.com
Vietnam	+84 28 6287 0846	vietnam@flowcrete.com

## Americas

Brazil	+55 11 3230 1107	brazil@flowcrete.com
Canada	+1 604 628 1782	canada@flowcrete.com
Chile	+56 2 2938 1962	chile@flowcrete.com
Colombia	+57 1 381 9254	colombia@flowcrete.com
Mexico	+01 800 099 0468	mexico@flowcrete.com
USA	+1 936 539 6700	usa@flowcrete.com

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