

► Specialist, high performance resin flooring systems for...

WINERIES

Welcome to Flowcrete UK

Chances are the next time you visit your local wine estate or vineyard, you'll encounter specialist resin flooring systems throughout the facility rather than the typical tile or concrete finishes traditionally found in these environments.

You'll find these systems not only behind the scenes where the wine is fermenting or aging, but also in the tasting rooms where it is being consumed. Resin flooring systems are being used more often in these environments owing to their excellent performance attributes combined with design versatility.

Flowcrete UK offers a complete package of specialist resin and antimicrobial treated floor coating systems designed to cater for all areas within the winery.

In addition to a wide range of specialist resin floor finishes, Flowcrete UK has an extensive range of Isocrete sub-floor screeds which can be installed in conjunction with Isowarm Underfloor Heating to offer a complete 'Floorzone' solution.

Winery Floor Plan



- | | | | | | |
|---|--------------|---|---------------|---|------------------|
| | Flowfresh HF | | Flowcoat SF41 | | Flowfast Quartz |
| | Flowfresh MF | | Peran Comfort | | Mondéco Mirrazzo |

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	✓



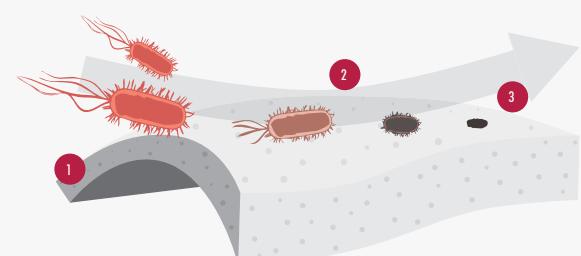
HACCP International Certified Hygienic Flooring

A winery's floor is subject to constant traffic, impact damage due to barrel or equipment handling and is usually found in humid, acid-rich conditions.

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 and ISO 22196 certified polyurethane 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 distributed throughout the floor.
- 2 The silver ions migrate to the surface.
- 3 They inhibit bacteria growth by penetrating the cell membrane.

ISO 22196



Flowfresh MF (4–6 mm)

Smooth, matt polyurethane screeds for use in dry areas subject to light-medium traffic. Best suited to packaging areas and processing zones subject to light-medium foot and wheeled traffic, these trowel applied systems deliver a seamless joint-free finish.

BARREL ROOMS, BARREL BLENDING / COLD ROOMS



Standard Colours



TEMPERATURE RESISTANCE

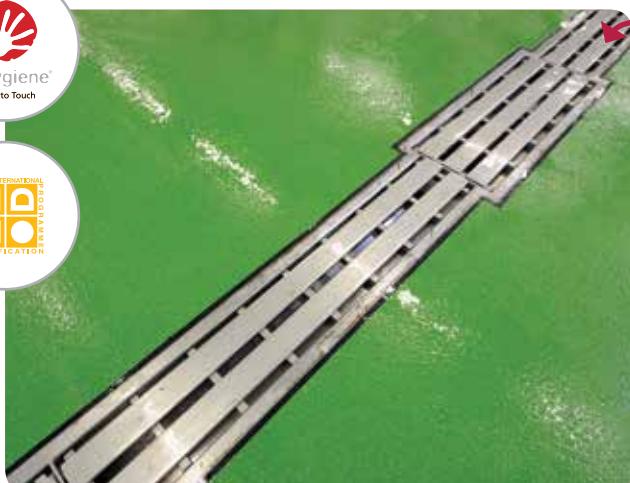
Tolerant to intermittent spillages up to 70°C or sustained heat from -20°C to 60°C

COEFFICIENT OF THERMAL EXPANSION

ASTM C531	5.70×10^{-5} mm/mm°C
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WEAR RESISTANCE

EN 13892-5	Abrasion quantity < 1 cm³
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Flowfresh HF (6–9 mm)

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

FERMENTATION AREAS

Standard Colours



TEMPERATURE RESISTANCE

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

COEFFICIENT OF THERMAL EXPANSION

ASTM C531	3.74×10^{-5} mm/mm°C
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WEAR RESISTANCE

EN 13892-5	Abrasion quantity < 1 cm³
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Flowcrete UK's polyurethane floor screeds can be sloped towards drains and curbed to prevent liquid overflow and the pooling of water.

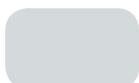


Flowcoat SF41 (0.35 mm)

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

CHEMICAL & EQUIPMENT STORAGE

Standard Colours



Light Grey
232



Beige
326



Goosewing Grey
222



Tile Red
637



Mid Grey
280



Forest Green
754



Dark Grey
281



Traffic Blue
466



SLIP RESISTANCE

BS 7976-2 (typical values for 4-S rubber slider)

Dry >40

WEAR RESISTANCE

EN 13892-5

Abrasion quantity < 1 cm²

IMPACT RESISTANCE

EN ISO 6272

10 N/m



*Flowcoat 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

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

Ensure a decorative yet durable surface in tasting rooms, entrance areas and visitor areas with attractive terrazzo floor finishes.



Mondéco Mirrazzo

(6–7 mm nominal)

A seamless, hard-wearing, epoxy resin terrazzo floor finish comprising a blend of aggregates to deliver a contemporary aesthetic. Containing crushed clear, coloured and mirrored glass alongside metallic particles, this system creates a glamorous finish underfoot, ideal for hotels and restaurants.

TASTING ROOMS, LOBBIES

Standard Colours



Botticino



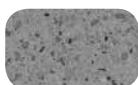
Sapphire



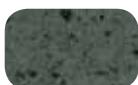
Nephrite



Sodalite



Pearl Grey



Bardiglio



Haematite



Black Diamond



TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

SLIP RESISTANCE

BS 7976-2

Dry >40

Low slip potential

WEAR RESISTANCE

EN 13892-4

Max. wear depth <50µm

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

Flowfast Quartz (4 mm)

A hard wearing, decorative and fast curing MMA flooring system that delivers a decorative matte finish. Flowfast Quartz consists of durable colour stable quartz granules encapsulated in a clear resin binder and delivers a fully trafficable surface just 60 minutes from application.

KITCHENS



Standard Colours



TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70°C

SLIP RESISTANCE

BS 7976-2	Dry >40 Low slip potential
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WEAR RESISTANCE

EN 13892-4	Max. wear depth <50µm
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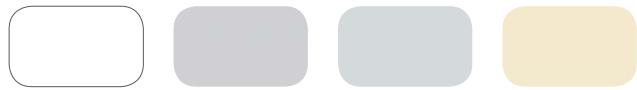


Peran Comfort (2–3 mm)

A matt, self-smoothing flexible polyurethane resin floor finish, Peran Comfort has excellent abrasion and chemical resistance properties. Ideal for a minimalist, modern, and contemporary environment, Peran Comfort is well suited for areas with intensive traffic such as offices.

TASTING ROOMS, LOBBIES

Standard Colours



TEMPERATURE RESISTANCE

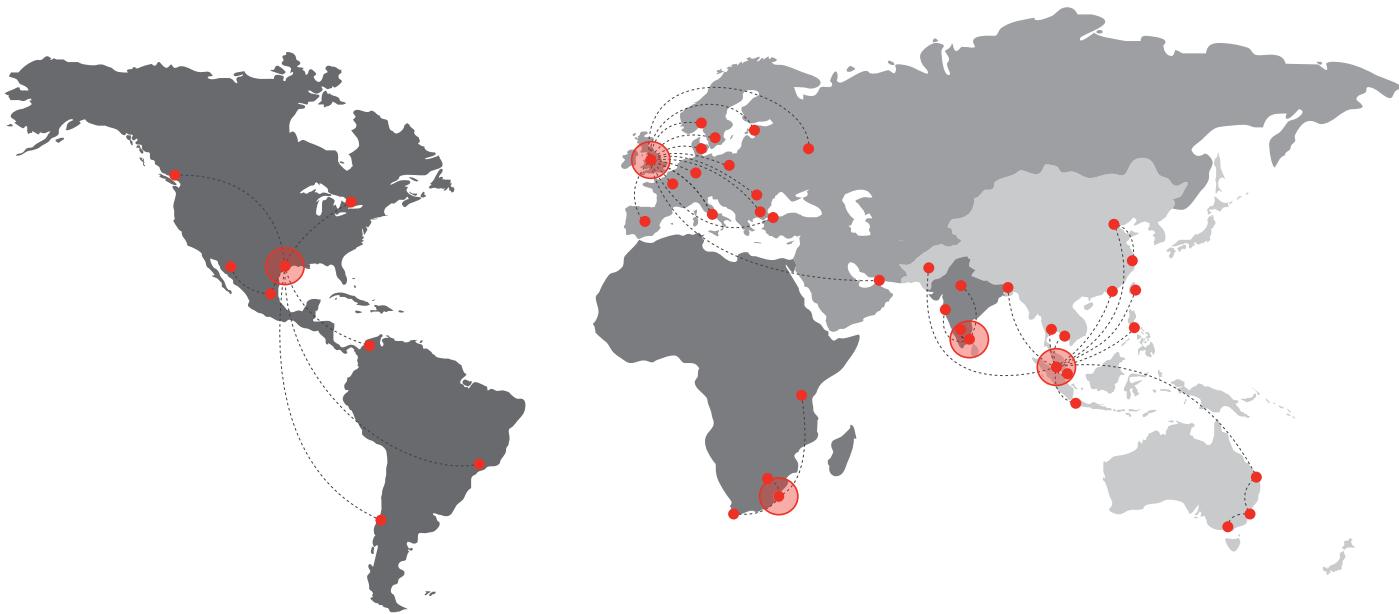
Tolerant of sustained temperatures up to 40°C

SLIP RESISTANCE

BS 7976-2	Dry >40 Low slip potential
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WEAR RESISTANCE

EN 13892-4	Max. wear depth <100µm
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Flowcrete

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

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