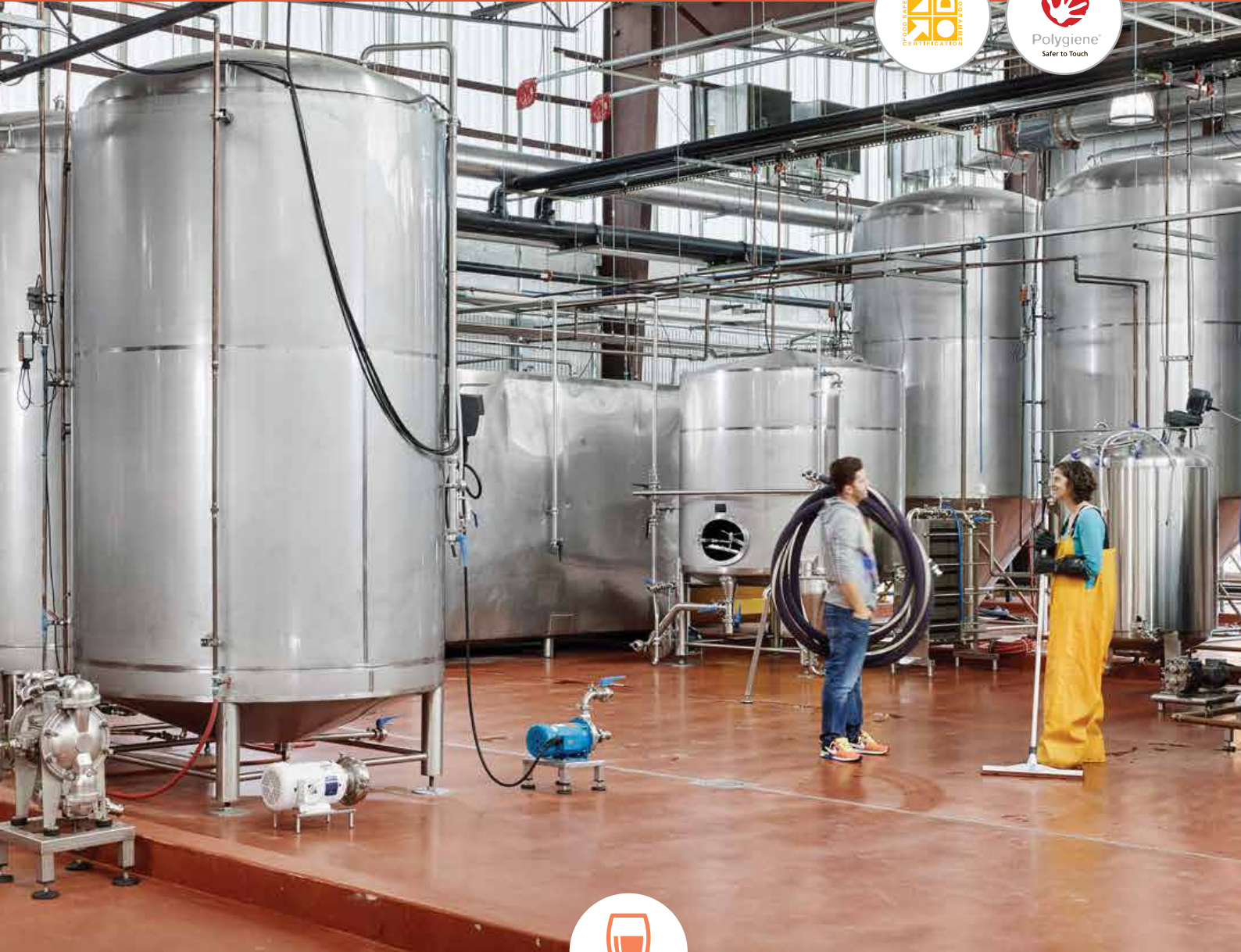


# Flowcrete

for the world at your feet



► Specialist resin and HACCP International certified antimicrobial treated floor coating systems designed to cater for...

## BREWERIES

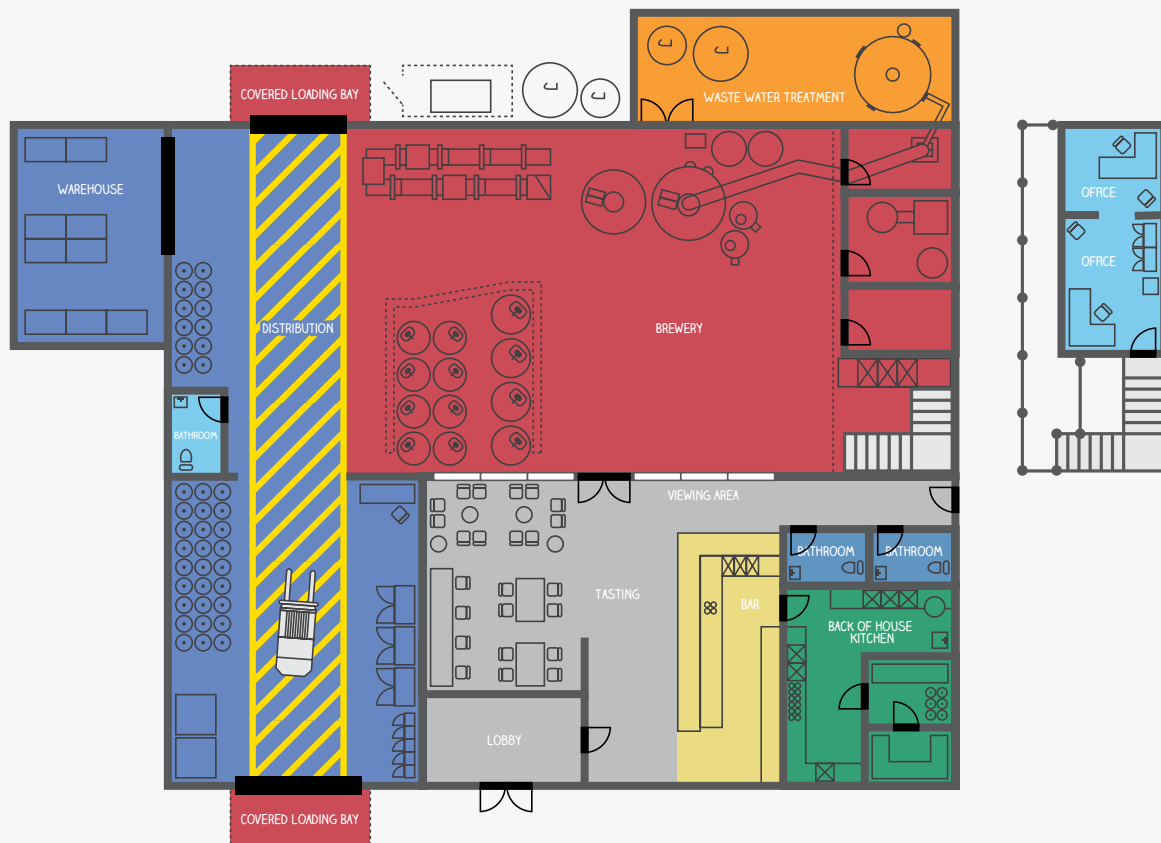
# Welcome to Flowcrete UK


Chances are the next time you visit your local watering hole you'll encounter specialty polymer flooring systems throughout the facility rather than the typical tile or ceramic finishes traditionally found in these environments.


You'll find these systems not only behind the scenes, where the ale is brewing and being bottled, but also in tasting rooms where it is being enjoyed. Resin flooring systems are being used more often in these environments owing to their excellent performance attributes combined with design versatility.

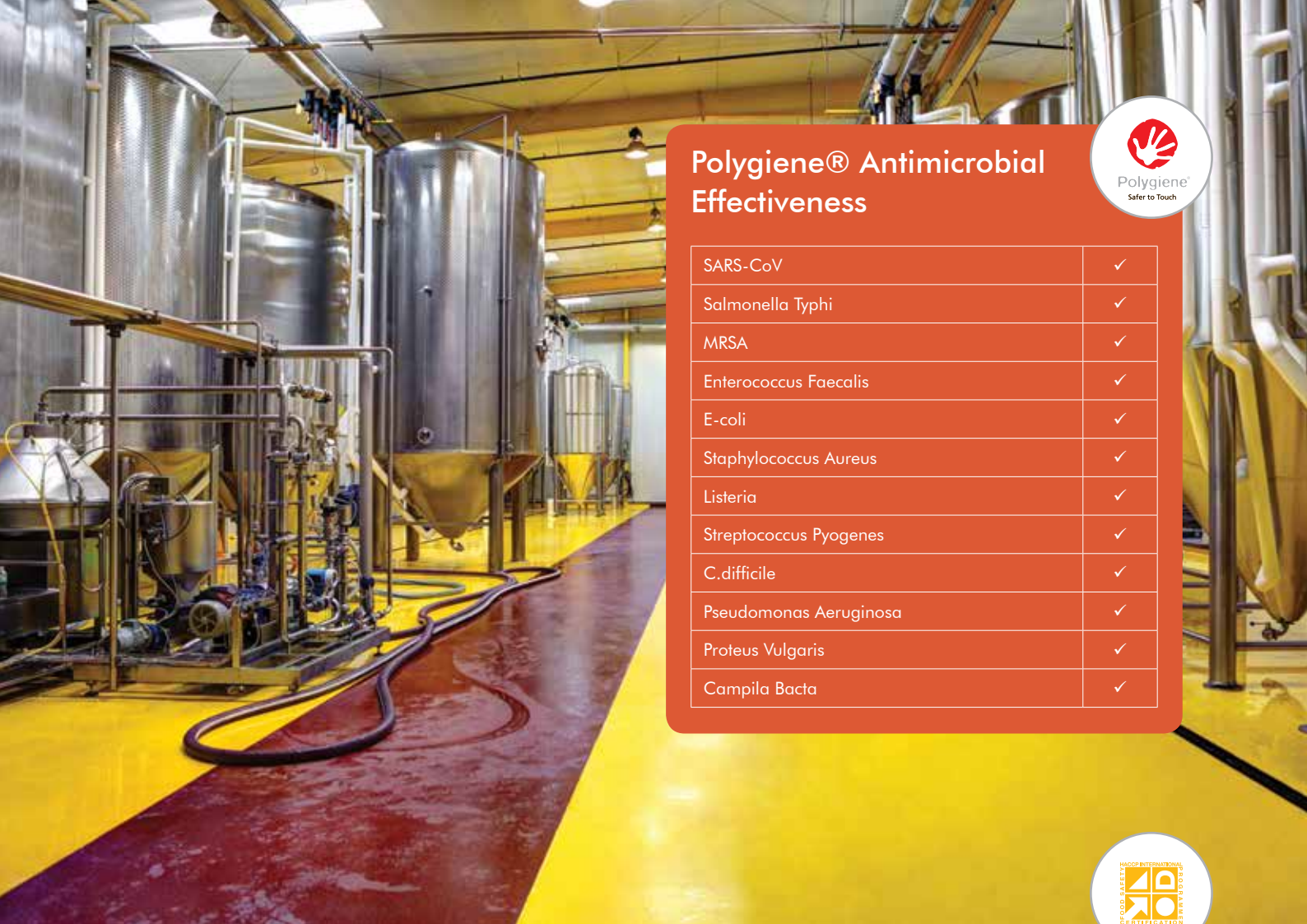
Flowcrete UK offers a complete package of specialist resin and HACCP International certified antimicrobial treated floor coating systems designed to cater for all areas within the brewhouse.

## Brewery Floor Plan



 Flowfresh HF	 Flowcoat SF41	 Peran Comfort	 Flowchem VE GL	 Deckshield ID
 Flowfresh MF	 Flowfresh MF	 Mondéco Mirrazzo	 Flowfast Quartz	

 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	✓



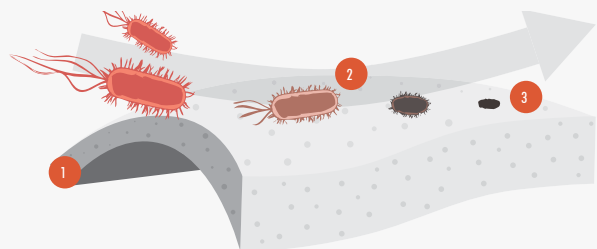
## HACCP International Certified Hygienic Flooring

Brewery floors are subject to spills and staining as well as heavy loads and foot traffic. Caustic chemicals, thermal shock, slip resistance and hygiene are also a concern.

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

Flowcrete UK's HACCP International certified and ISO 22196 compliant cementitious 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 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 (6–9 mm)

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

BREWERY

### Standard Colours



Cream



Ochre



Red



Mustard



Mid Grey



Dark Green



Dark Grey



Dark Blue



#### 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 x 10<sup>-5</sup> mm/mm°C

#### SLIP RESISTANCE\*

BS 7976-2 > 40 low slip potential



Flowfresh HF LT is available with improved fluidity at low temperatures (< 15°C)

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)

\*in accordance with HSE & UKSRG guidelines

ISO 22196



## Flowfresh MF (4–6 mm)

Flowfresh MF is a heavy duty, chemical resistant antimicrobial treated polyurethane resin floor finish. Ideal for zones subject to light-medium foot & wheeled traffic. These trowel applied systems deliver a seamless, joint free finish.

BAR / CATERING KITCHEN

### Standard Colours



Cream



Ochre



Red



Mustard



Mid Grey



Dark Green



Dark Grey



Dark Blue

#### TEMPERATURE RESISTANCE

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

#### FIRE RESISTANCE

EN 13501-1

B<sub>FL</sub> - s1

#### SLIP RESISTANCE\*

BS 7976-2

> 40 low slip potential

\*in accordance with HSE & UKSRG guidelines

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

## Deckshield ID (2–3 mm)

Deckshield ID is a flexible, solvent free polyurethane car park deck coating system for intermediate decks of multi storey structures. Deckshield ID cosmetically enhances and reduces noise, making multi storey car parks brighter, safer environments to visit.

DISTRIBUTION CENTRES

### Standard Colours



Forest Green



Mid Grey



Mid Grey



Tile Red



Traffic Purple



Traffic Blue



#### SLIP/SKID RESISTANCE

EN 13036-4

Class I: >40 units wet tested  
Class II: >40 units dry tested

#### TEMPERATURE RESISTANCE

Softens over 70°C, hardens on cooling

#### ABRASION RESISTANCE

EN ISO 5470-1

Weight loss < 3000 mg  
using H22 wheel, 1000  
cycles, load 1000g



## Flowcoat SF41 (0.35 mm)

A high performance, solvent free, epoxy resin coating that can deliver an anti-slip profile. It is also hard wearing against sustained vehicle traffic, as well as chemical and abrasion resistant.

WAREHOUSES

### 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

> 40 low slip potential

#### IMPACT RESISTANCE

EN ISO 6272

10 Nm

#### BOND STRENGTH

EN 13892-8

> 2.5 N/mm<sup>2</sup>

\*in accordance with HSE & UKSRG guidelines

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

## Flowfast Quartz & Classic for Wet Areas (5 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.

BATHROOMS

### Standard Industrial Colours



Red 301



Grey 704



Green 602



Cream 103



Blue 502



Yellow 104



#### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 70 °C

#### FIRE RESISTANCE

EN 13501-1

B<sub>FL</sub> - s1

#### SLIP RESISTANCE\*

BS 7976-2

Dry >40 Low slip potential

Wet >40 Low slip potential

\*in accordance with HSE & UKSRG guidelines

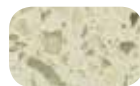


## Mondéco Mirrazzo (6-7 mm)

A seamless, hardwearing, epoxy resin terrazzo floor finish. Containing crushed clear, coloured and mirrored glass alongside metallic particles, this system creates a glamorous finish underfoot.

VISITOR AREAS

### Standard Colours



Botticino



Sapphire



Nephrite



Sodalite



Pearl Grey



Bardiglio



Haematite



Black Diamond

#### SLIP RESISTANCE\*

BS 7976-2

Dry >40  
Low slip potential

#### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60 °C

#### IMPACT RESISTANCE

EN ISO 6272

4 Nm

\*in accordance with HSE & UKSRG guidelines

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

## Peran Comfort (2–3mm)

A matt, self-smoothing polyurethane resin floor finish. Ideal for areas with intensive pedestrian traffic in need of high performance contemporary finishes.

✓ OFFICES

### Standard Colours



Signal White



Pebble Grey



Light Grey



Oyster White



#### SLIP RESISTANCE\*

EN 13036-4 / BS 7976-2	Dry 56 low slip potential Wet 26 moderate slip potential
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#### TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 40°C

#### IMPACT RESISTANCE

EN ISO 6272	IR20
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\*in accordance with HSE & UKSRG guidelines



## Flowchem VE GL (2–3 mm)

A hand or spray applied shrinkage compensated vinyl ester resin based glass fibre reinforced lining system with outstanding chemical, thermal and mechanical resistance.

✓ WASTE WATER TREATMENT

### Standard Colours



Green



Steel Grey



Charcoal



Light Grey

#### TEMPERATURE RESISTANCE

Tolerant up to 165°C

#### BARCOL HARDNESS

ASTM 2583	> 50
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#### E-MODULUS

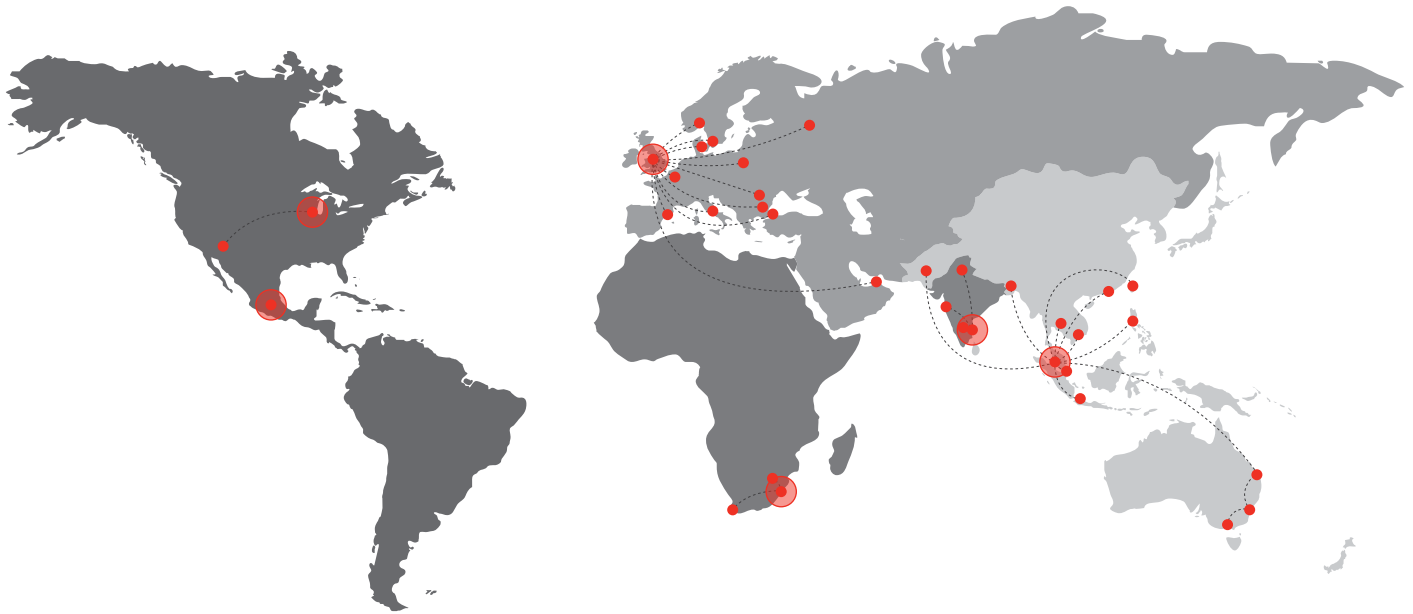
ASTM D-695	3.1 GPa
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#### VOLUME SHRINKAGE

Rill 4 2.5.3.2.1	< 0.004 %
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\* Ranges provided to cover results from various resin types.

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.

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