

INDUSTRIAL FLOORING



Food and Drink



Pharmaceutical



Automotive



Aerospace



Electronic



Manufacturing

A Guide to Industrial Resin Flooring

WELCOME TO FLOWCRETE - for the world at your feet

Looking for a floor that withstands heat, chemical spillage and physical impact? Looking for a floor that provides an impenetrable barrier against bacteria and contamination? Looking for a floor that can be installed to a tight deadline or even overnight?

With so many questions to be answered, specifying a new floor finish can sometimes seem like a daunting prospect. Achieving the correct balance between aesthetics, performance, cost and installation requirements is often hard to juggle - that's where we come in!

Flowcrete UK Ltd is a market-leading manufacturer of seamless resin flooring materials, all of which have been specially formulated to meet the demanding service conditions and performance criteria required by the industrial manufacturing sectors.

We have built up a reputation across the UK as **THE INDUSTRIAL FLOORING SPECIALIST**, with a passion for developing flooring solutions that help manufacturing environments to improve workflow productivity and efficiency while at the same time reducing industrial accidents and lost production.

GET MORE from floors...

Flowcrete UK supplies resin materials that offer durability, hygiene performance, safety and resilience for use in food factories, aircraft hangars, automotive plants, warehouses, factories and pharmaceutical facilities amongst others.

We manufacture multi-purpose epoxy resin floor finishes, fast-cure MMA floor coating systems that can be laid overnight and polyurethane resin that contains a powerful antimicrobial agent that destroys up to 99.9% of surface bacteria.

Plus, a whole range of our floor coating systems offer added anti-slip, antistatic and chemical resistance properties.

For more information visit www.flowcrete.co.uk/getmorefromfloors



Which Industrial Flooring System Meets My Requirements?

The following table offers recommendations, which are based on the product delivering an outstanding performance against the relevant service criteria, as well as its classification as set out by FeRFA, the Resin Flooring Association.



FeRFA Type 1 - Light Duty Floor & Wall Seal Coats

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Flowseal EPW (0.12mm)		✓	✓			✓	
Peran WW (0.15mm)							✓

FeRFA Type 3 - Medium Duty, High Build Floor Coatings

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Flowcoat SK (0.3mm)		✓	✓	✓			
Flowcoat SF41 (0.35mm)		✓	✓	✓			
Flowcoat TL (0.5mm)		✓	✓	✓			
Flowcoat LXP (1.5mm)		✓	✓	✓			

FeRFA Type 4 - Medium Duty, Multi-Layer Flooring

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Flowfast Terrosso (4mm)		✓		✓	✓		

FeRFA Type 5 - Medium to Heavy Duty, Self-smoothing Floor Finishes

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Flowshield LXP (1.5mm)		✓	✓	✓			
Flowshield SL (2mm)		✓		✓			
Flowfresh SL (2mm)	✓	✓		✓			✓
Flowshield LXP HD (2-3mm)		✓	✓	✓			✓

FeRFA Type 6 - Medium to Heavy Duty, Trowel-applied, Resin Flooring

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Peran STB (2-5mm)		✓		✓		✓	✓
Flowfast Quartz (3-6mm)		✓	✓	✓	✓		✓
Flowtex (4-6mm)		✓	✓	✓			✓
Flowtex 41/42 (4 or 6mm)		✓	✓	✓			✓

FeRFA Type 7 - Heavy Duty Flowable Flooring

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Flowfresh MF (4-6mm)	✓	✓	✓	✓		✓	✓

FeRFA Type 8 - Very Heavy Duty Resin Flooring

Product	Hygienic	Slip Resistant	Temp. Resistant	Chemically Resistant	Fast Cure	Antistatic	Durable
Flowcrete HF (6-9mm)		✓	✓	✓		✓	✓
Flowfresh HF (6-9mm)	✓	✓	✓	✓		✓	✓
Flowcrete RT (6-9mm)		✓	✓	✓			✓
Flowfresh RT (6-9mm)	✓	✓	✓	✓			✓
Mondéco Earth (7mm)		✓	✓	✓		✓	✓
Mondéco TZ (7mm)	✓	✓	✓	✓		✓	✓

PERFORMANCE key



Low slip potential in accordance with HSE and UKSRG guidelines.



Excellent resistance to acids, alkalis, fats, oils and other substances.



Electrostatic Dissipative (ESD) grades are available on request.



With correct maintenance offers 10 year life expectancy or greater.



Contains Polygiene®, a silver-ion based antimicrobial agent.



Demonstrates sustained tolerance of temperatures >60°C.

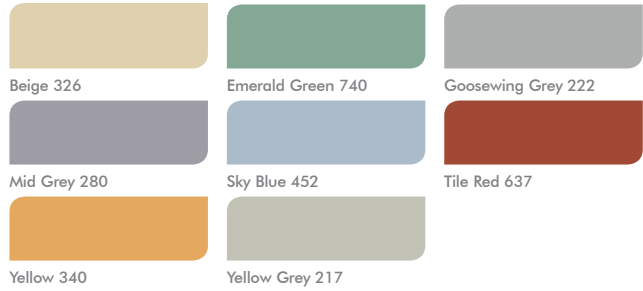


Recommended for fast-track installation in order to minimise downtime.

Light Duty Seal Coats & Medium Duty Floor & Wall Coatings

Flowseal EPW (0.12mm)

FeRFA Type 1



Flowseal EPW is a vapour-permeable epoxy floor seal coat system that can be applied in areas of light tolerance or to damp substrates to deliver a hygienic and coloured gloss finish on the surface of the floor.

Peran WW (0.15mm)

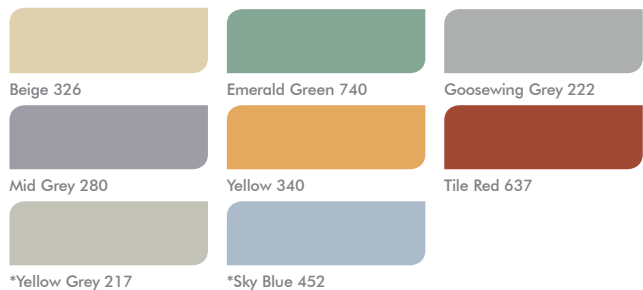
FeRFA Type 1



Peran WW is a low-odour, vapour permeable epoxy coating system best suited to vertical application on walls, or for use on ceilings where it creates a hygienic and protective seal coat. Glass fibre can be added for additional strength.

Flowcoat SK, SF41, TL & LXP (0.3-0.7mm)

FeRFA Type 3



Flowcoat SK, SF41, TL & LXP are colourful resin floor coatings offering excellent wear, slip and chemical resistance. Demarcation and signage is available. Flowcoat SK provides a protective barrier against SKYDROL aviation fluid.

* Colours not available in Flowcoat LXP

Medium to Heavy Duty Resin Flooring

Flowfresh SL (2mm)

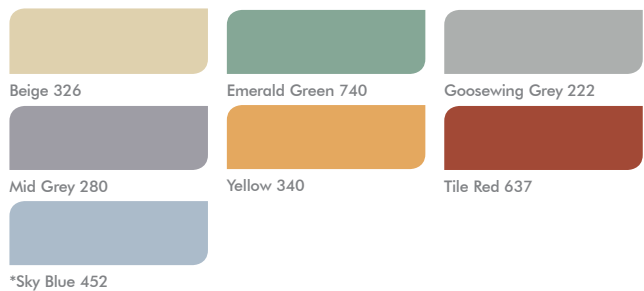
FeRFA Type 5



Flowfresh SL is a medium duty, polyurethane resin floor finish ideally suited for application in dry food processing and packaging areas. Flowfresh SL includes Polygiene®, a silver-ion based antimicrobial agent.

Flowshield SL, LXP & LXP HD (1.5-3mm)

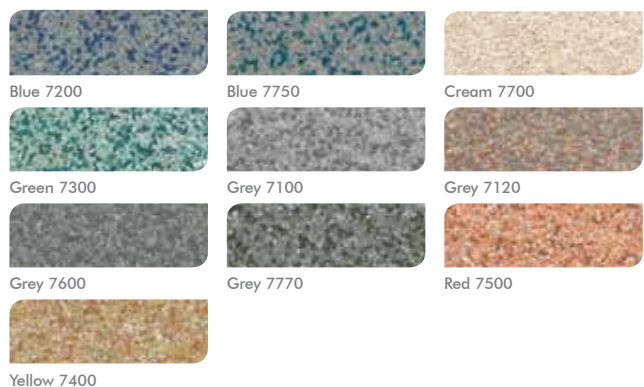
FeRFA Type 5



Flowshield SL, LXP & LXP HD are non-tainting, non-dusting and self-smoothing flooring systems suited to use in dry processing environments. All systems provide a flexible, easy to clean and chemical resistant floor topping.

Peran STB (2-4 or 3-5mm)

FeRFA Type 6



Peran STB is a high-strength epoxy floor coating that contains a colourful mix of quartz bead aggregates. The system performs in both dry and wet conditions owing to its durable, anti-slip and chemical resistant finish.

* Colour not available in Flowshield LXP or LXP HD

Medium to Heavy Duty Resin Flooring

Flowfast Quartz (3-6mm)

FeRFA Type 6



Blue 7750



Green 7300



Grey 7100



Grey 7120



Grey 7600



Grey 7770



Red 7500



Yellow 7400

Flowfast Quartz is a high-strength, fast-drying acrylic flooring system containing a mix of UV-stable and wear resistant coloured quartz aggregates. A FeRFA Type 4 flake alternative, Flowfast Terrosso, is also available.

Flowtex & Flowtex 41/42 (4-6mm)

FeRFA Type 6



FLOWTEX: Emerald Green 740



FLOWTEX: Tile Red 637



FLOWTEX: Yellow 340



FLOWTEX: Mid Grey 280



FLOWTEX 41/42: Emerald Green 740



FLOWTEX 41/42: Tile Red 637



FLOWTEX 41/42: Yellow 340



FLOWTEX 41/42: Mid Grey 280

Flowtex & Flowtex 41/42 are hardwearing, chemical resistant, power-trowelled epoxy floor coatings available with either a matt or gloss finish. All systems are low-odour and can be used in a variety of applications.

Flowfresh MF (4-6mm)

FeRFA Type 7



Cream



Dark Green



Mid Grey



Mustard



Ochre



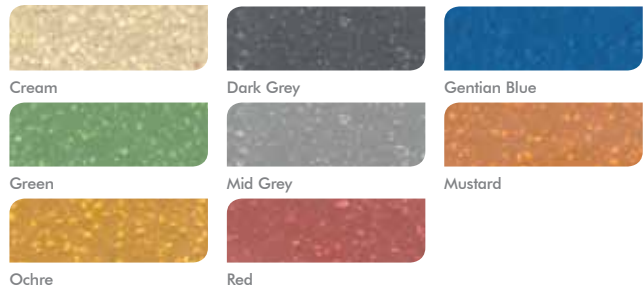
Red

Flowfresh MF is a self-smoothing polyurethane resin system with excellent chemical, wear and temperature resistance. Flowfresh MF includes Polygiene®, a silver-ion based antimicrobial agent. ESD grades available.

Very Heavy Duty Resin Flooring

Flowfresh HF & RT, Flowcrete HF & RT (6-9mm)

FeRFA Type 8



Flowfresh HF & RT and Flowcrete HF & RT are heavy duty, polyurethane resin floor screeds containing white flint aggregates. Flowfresh HF & RT include Polygiene®, a silver-ion based antimicrobial agent. ESD grades available.

Mondéco Earth (7mm)

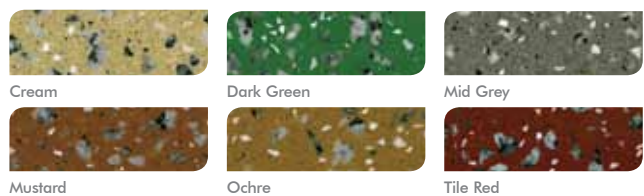
FeRFA Type 8



Mondéco Earth is a hygienic, high strength, epoxy terrazzo with an excellent life expectancy. The system contains robust flint and granite aggregates and can include Polygiene®, a silver-ion based antimicrobial agent. ESD grades available.

Mondéco TZ (7mm)

FeRFA Type 8



Mondéco TZ is a hygienic, durable, polyurethane terrazzo with an excellent life expectancy. The system contains flint and granite aggregates as well as Polygiene®, a silver-ion based antimicrobial agent. ESD grades available.



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