

Flowfresh SRQ (5–6 mm)

A HACCP International certified, slurry-broadcast, antimicrobial treated, polyurethane resin floor screed system with quartz beads.



Polygiene®:

Contains a silver ion antimicrobial additive proven to inhibit the growth of most types of harmful bacteria.



Chemical Resistance:

Excellent resistance to sugars and most acids (organic and inorganic).



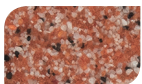
Slip Resistant:

Positively textured profile to minimise slip risks in wet or damp areas.

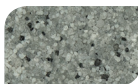


Easy to Clean:

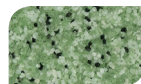
Easy to clean and sterilise surfaces, due to minimal joints.



Red 301



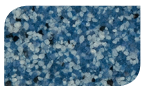
Grey 704



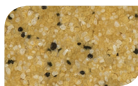
Green 602



Cream 103

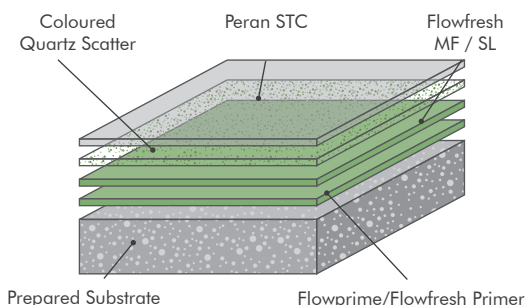


Blue 502



Yellow 104

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office. Special corporate colours and designs can be produced to special order.



Technical Profile*

| FIRE RESISTANCE | |
|--|--|
| EN 13501-1 | B _{fl} -s1 |
| WEAR RESISTANCE | |
| EN 13892-5 | <1 cm ³ |
| BOND STRENGTH | |
| EN 13892-8 | >2.5 N/mm ² |
| IMPACT RESISTANCE | |
| EN ISO 6272 | 15 Nm |
| TEMPERATURE RESISTANCE | |
| Tolerant to intermittent spillages up to 60°C or sustained heat from -20°C to 50°C. | |
| WATER PERMEABILITY | |
| Karsten Test | Nil (impermeable) |
| VAPOUR PERMEABILITY | |
| ASTM E96:90 | 5 g / m ² / 24 hrs (at 4mm thick) |
| SLIP RESISTANCE*** <small>(in accordance with HSE & UKSRG guidelines)</small> | |
| BS 7976-2 (typical values for 4-S rubber slider) | Dry >40 low slip potential |
| COMPRESSIVE STRENGTH | |
| EN 13892-2 | >50 N/mm ² |
| FLEXURAL STRENGTH | |
| EN 13892-2 | 20 N/mm ² |
| TENSILE STRENGTH | |
| BS 6319-7 | 12 N/mm ² |
| BS 8204-6 / FeRFA | |
| Type 8 | |

| SPEED OF CURE** | 10°C | 20°C | 30°C |
|--------------------|---------|--------|--------|
| Light Traffic | 36 hrs | 24 hrs | 12 hrs |
| Full Traffic | 72 hrs | 48 hrs | 24 hrs |
| Full Chemical Cure | 10 days | 7 days | 5 days |

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

***The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/ or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Model Specification

| | |
|----------------|---------------|
| Product | Flowfresh SRQ |
| Finish | Gloss |

Preparatory work and application in accordance with manufacturer's instructions.

Products Included in This System

| | |
|---------------------------------|--|
| Primer | Flowprime @ 0.25 kg/m ² OR, where a DPM is required, Hydraseal DPM @ 0.5 kg/m ² |
| For 5mm system | Topping: Flowfresh MF @ 5.7 kg/m ² Scatter: Coloured Quartz, size 7 @ 4 kg/m ² |
| For 6mm system | Topping: Flowfresh MF @ 7.6 kg/m ² Scatter: Coloured Quartz, size 7 @ 5 kg/m ² |
| Sealer (for 5 & 6mm) | Peran STC @ 0.6 kg/m ² (coarse texture) Peran STC @ 0.4 kg/m ² (extra coat for light texture) |

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8203 and free from rising damp and ground water pressure. If no damp proof membrane is present, Hydraseal DPM can be incorporated directly beneath the Flowfresh SRQ system.

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website www.flowcrete.co.uk.

Notes

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change. Intensively coloured products (e.g. hair colourants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discolouration in the surface. Please contact our Technical Services Department for further advice.

Microbial / Fungal Resistance

The Polygiene® antimicrobial additive in the floor system provides control of most bacteria and fungi which come into contact with the floor.

| | |
|---------------------------------------|-----------------------|
| Antimicrobial Active Substance | Silver biocide |
| Tested | ISO 22196 / JIS Z2801 |

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Flowcrete UK Ltd. Please consult Technical Team in your own country region for specific details. [08/05/19, 01 UK]