

### Flowfresh SRQ (4mm)



#### Description

Flowfresh SRQ is a heavy duty, chemical resistant, antimicrobial, polyurethane resin floor screed system with an attractive positively textured, coloured quartz finish.

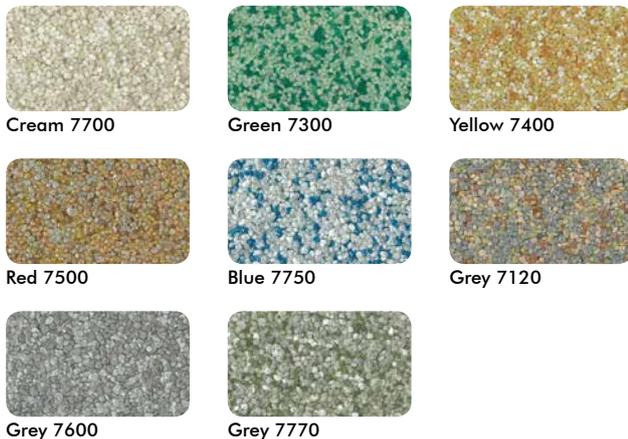
#### Uses

Ideal for wet processing zones such as food manufacturing, food preparation areas, and chemical processing plants.

#### Benefits

- Proven antimicrobial performance
- Decorative floor finish with positive slip resistance
- High chemical resistance
- Easy to clean and sterilise
- Textured anti-slip surface
- Heat resistant
- Freeze/thaw resistant
- Non-tainting
- High abrasion resistance
- Withstands high mechanical stress
- Low odour during application
- Fast return to service
- HACCP International Certified

#### Standard Colour Chart - Mixed Colours



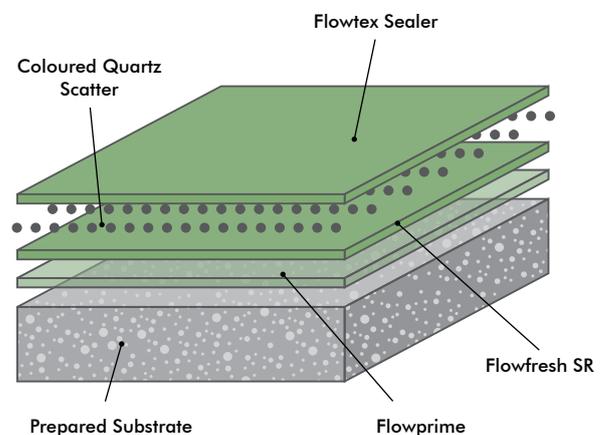
#### Standard Colour Chart - Single Colours



#### Project References

Available on request.

#### System Design



290516 ME

## Model Specification

Product: Flowfresh SRQ

Finish: Satin

Thickness: 4mm

Colour: \_\_\_\_\_

Preparatory work and application in accordance with suppliers instructions.

Manufacturer: Flowcrete Middle East FZCO

Telephone : Customer Service +971 4 886 4728

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be surface dry and free from rising dampness and ground water pressure.

## Products Included in this System

Flowprime

Flowfresh SR

Coloured Quartz

Flowtex Sealer

Detailed application instructions are available upon request.

## Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at [www.flowcrete.ae](http://www.flowcrete.ae)

## 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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Focus on the Floorzone

Flowcrete Middle East FZCO is a division of the Flowcrete Group, world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

## Microbial Resistance

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

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Fire Resistance	BS 476:Part 7: Surface spread of flame - Class 2 (indicative)
Slip Resistance	TRRL Pendulum Slip Test Dry>80, Wet>45 (aggregate dependant)
Impact Resistance	BS8204 Part 1 Cat: A (<0.5mm) ISO6272 1kg weight >1.8m 2kg weight >1.5m
Temperature Resistance	Tolerant up to 70°C
Water Permeability	Nil – Karsten test (impermeable)
Vapour Permeability	ASTM E96:90 3g/m <sup>2</sup> /24hrs (at 9mm thick)
Chemical Resistance	Contact Technical Department Excellent resistance to sugars and most acids (organic and inorganic)
Abrasion Resistance	Taber Abrader: 0.12g loss per 1000 cycles (1 kg load using CS17 wheels)
Compressive Strength	>50 N/mm <sup>2</sup> (BS 6319)
Flexural Strength	>20 N/mm <sup>2</sup> (BS 6319)
Tensile Strength	>10 N/mm <sup>2</sup> (BS 6319)
Bond Strength	Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete. >1.5 MPa.
Toxicity (when cured)	Taint Free to sensitive foodstuffs.

## Speed of Cure (per layer)

	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	6 days

## Aftercare - Cleaning and Maintenance

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

## Important Note

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.

## Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.