

### Flowfresh SR (3-4mm)



#### Description

Flowfresh SR is a heavy duty, chemical resistant, antimicrobial polyurethane resin floor system with a positively textured finish.

Flowfresh SR incorporates Polygiene® - a performance based antimicrobial which inhibits the growth of bacteria, fungi, moulds and mildew.

#### Uses

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

#### Benefits

- Proven antimicrobial performance
- High chemical resistance
- Easy to clean and sterilise
- Textured anti-slip surface
- Heat resistant to 90°C
- Freeze/thaw resistant
- Non-tainting
- High abrasion resistance
- Withstands high mechanical stress
- Low odour during application
- Fast return to service
- UV light stable grade is available
- HACCP International Certified

#### Standard Colour Chart



Rich Cream



Warm Buff



Coral Red



Clay



Ash Grey



Signal Green



Pewter Grey

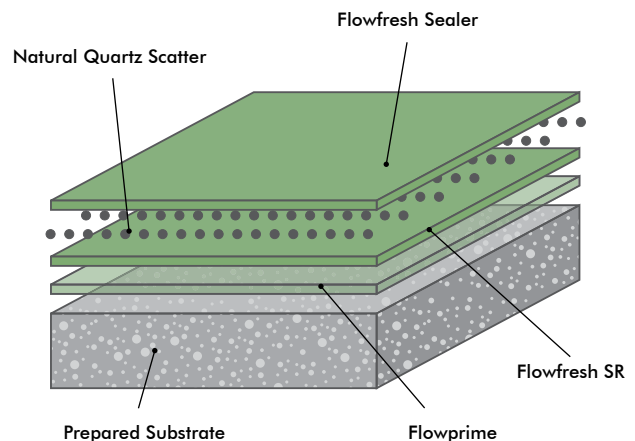


Blue

#### Project References

Available on request.

#### System Design



## Model Specification

Product: Flowfresh SR  
Finish: Gloss/Satin/Textured  
Thickness: 3-4mm  
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  
Natural Quartz Scatter  
Flowfresh 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 / Fungal Resistance

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

## Colour Stability

Flowfresh SR is not 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 light colours and blues but does not compromise the product's chemical resistance or physical characteristics. Consult our Technical Department for UV light stable specification.

## 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	From -15°C to 90°C
Water Permeability	Nil – Karsten test (impermeable)
Vapour Permeability	ASTM E96:90 3g/m <sup>2</sup> /24hrs (at 6mm thick)
Chemical Resistance	Contact Technical Department Excellent resistance to sugars and most acids (organic and inorganic)
Abrasion Resistance	Taber Abrader: 0.1g 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.

## 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	12 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.