

Flowfresh SR



Description

Flowfresh SR is a 5mm heavy duty, chemical resistant, antimicrobial polyurethane resin floor system with a positively textured finish. Flowfresh SR incorporates Polygiene® - a performance based anti-microbial which inhibits the growth of bacteria, fungi, mould and mildew.

Uses

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

Benefits

- Proven anti-microbial properties.
- High chemical resistance.
- Easy to clean and sterilise.
- Textured anti-slip surface.
- Minimal joints.
- Heat resistant to 90°C (intermittent).
- Freeze/thaw resistant.
- Non tainting and low odour during application.
- High abrasion resistance.
- Withstands high mechanical stress.
- Fast return to service.

Project References

B.Foods, Saha Farms, CP Foods, Sun Valley Foods, Nestle, Malee Sompran, Thai International Airways, Panas Poultry, Fonterra Dairies.

Model Specification

Product: Flowfresh SR
Finish: Matt/Textured
Thickness: 5mm
Colour: Various

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

Standard Colour Chart



Ochre



Cream



Buff



Tile Red



Forest Green



Mid Grey

The applied colours will differ slightly from the examples shown above, due to printing variations. Contact our customer services for a true colour sample or a special colour match.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Products included in this system

Primer (if required): Flowprime @ 4sqm/litre

Topping:

Flowfresh SR @ 3litre/sqm

Sand (0.3-0.65mm) scatter @ approx 3kg/m²

Flowfresh SR Sealcoat @ 0.5–0.6 litre/m²

Flowcoat UV @ 8sqm/litre

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator. Obtain details of our approved contractors by contacting our customer service team.

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.

Focus on the Floor-zone

Flowcrete Group plc are 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, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

Important Note

Flowcrete's products are guaranteed against defective materials and the finished product.

Technical Information

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

Fire Resistance:	BS476: Part 7 Surface spread of flame: Class 2
Slip Resistance:	BS6677: Part 1 1986 Pendulum Slip Test Dry 100 Wet 70
Impact Resistance:	BS8204 Part 1 Cat: A (<0.5mm) ISO6272 1KG weight >1.8m 2kg weight >1.5m
Temperature Resistance:	Tolerant up to 90 °C intermittent spillages or constant 105 °C dry heat
Water Permeability:	Nil-Karsten Test (impermeable)
Vapour Permeability:	ASTM E96:90 3g/m/24hrs (at 9mm thick)
Chemical Resistance:	Go to www.flowcrete.com Excellent resistance to sugars and most acids (organic and inorganic)
Abrasion Resistance:	ASTM D4060 Taber Abrader: 25mg loss per 1000 cycles (1kg load using H22 wheels) BS8204:Part 2:Class AR2
Compressive Strength:	>50 N/mm ² (BS6319)
Flexural Strength:	>20 N/mm ² (BS6319)
Tensile Strength:	>10 N/mm ² (BS6319)
Bond Strength:	Greater than cohesive strength of 25 N/mm ² concrete > 1.5mPa

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	12days	7 days	5 days

Aftercare - Cleaning and Maintenance

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

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.

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