

FlowSport



Description

FlowSport is a polyurethane floor that specially designed and fabricated by Flowcrete creating a synthetic flexible sports flooring. When applied over a suitable base, it provides a resilient uniform seamless and durable surface for multi-use gymnasium and indoor sports venues. Court lines and area markings are applied in internationally recognised colours on top of the finished surfaces.

(Please contact our Technical Advisors for details of specialist companies to supply line-marking).

Uses

Recommended for use in education and local authority sports halls, gymnasia and leisure centres. FlowSport provides a robust, aesthetically pleasing sporting environment underfoot offering longevity for any indoor sporting facility.

Standard Colour Chart



Blue



Green



Red



Grey

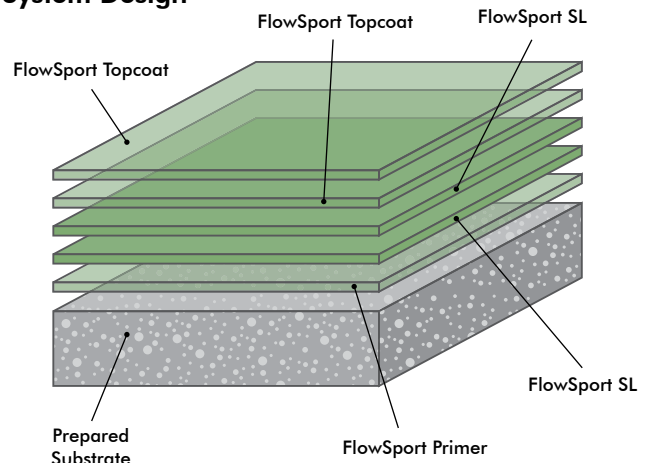
Benefits

- Cushioned effect – spring & give in the floor
- Attractive range of bright colours
- Eliminates glare and light reflection
- Resilient and flexible coating
- Hard wearing - abrasion and impact resistant finish
- Seamless hygienic surface, easy to clean and maintain

Project References

Available on request.

System Design



180216 ME

Model Specification

Product: FlowSport
Finish: Satin
Thickness: Dependant on specification
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/mm², free from laitance, dust and other contamination. The substrate should be dry up to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Products Included in this System

FlowSport Primer
FlowSport SL
FlowSport Topcoat

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

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.

Note

To prevent damage to the surface, choose suitably wheeled apparatus which has no sharp edges and is designed to achieve load distributions below 100psi. Please contact our Technical Advisors for details of specialist companies to supply line-marking, which can be re-coated throughout the life of the FlowSport system.

Technical Information

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

Slip Resistance	Dry >50 low slip potential (typical values for 4-S rubber slider) Method described in BS7976-2 (in accordance with HSE and UKSRG guidelines)
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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.

Temperature Resistance	Tolerant up to 50°C
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Water Permeability	Nil – Karsten test (impermeable)
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Chemical Resistance	Contact Technical Department Good resistance to tea, coffee, cola, fruit juice, soaps and bleach.
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Compression Set	97-99% recovery typical after 72 hours at 50% compression at 20°C.
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Compression Properties	
10% Modulus	7 kg/cm ² typical
50% Modulus	50 kg/cm ² typical

Abrasion Resistance (for the Topcoat)	Taber Abrasion – Dry CS10/1000 cycles/1kg – 80mg Dry H18/1000 cycles/1kg – 400mg
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Shore A Hardness	50
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All above values are approximate and may be used as a guideline for specifications.

Speed of Cure (from final coat)

	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	7 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.