

## FlowSport 102 (12 mm)



### Standard colour chart



Red Oxide (near to RAL 3009)



Pigeon Blue (near to RAL 5014)



Reseda Green (near to RAL 6011)



Stone Grey (near to RAL 7030)



Window Grey (near to RAL 7040)

The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match. Special corporate colours and designs can be produced to special order.

### Description

FlowSport 102 is a composite surface specially designed and fabricated by Flowcrete creating a synthetic flexible indoor 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).

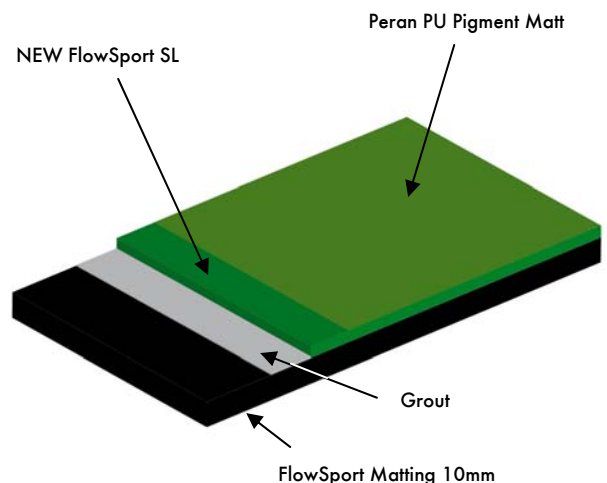
### Uses

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

### Benefits

- Certified to EN 14904:2006
- Cushioned effect – spring & give in the floor
- Attractive range of bright colours
- Eliminates glare and light reflection
- Resilient and flexible system
- Hard wearing, abrasion and impact resistant finish
- Seamless hygienic surface, easy to clean and maintain
- Can be used in conjunction with Isowarm underfloor heating

### System Design



## Model Specification

Product: FlowSport 102

Finish: Matt

Thickness: 12 mm.

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

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete UK Ltd.

Telephone : +44 (0) 1270 753000

## Substrate Requirements

Concrete or screed substrates should be a minimum of 25N/mm<sup>2</sup>, 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. If no damp proof membrane is present, Hydraseal DPM can be incorporated as the primer.

## Products Included in this System

Primer: Flowseal EPW (Coloured ) Gloss @ 0.3 kg/m<sup>2</sup>

Adhesive: SN339 PU adhesive

Mat: FlowSport Matting 10 mm

Grout: (5 kg FlowSport Polymer mixed with 500 ml clean water and 250 g Aerosil 200)  
@ 0.25 kg/m<sup>2</sup> total for two coats

Bodycoat: NEW FlowSport SL @ 2.2 kg/m<sup>2</sup>  
(2 mm thickness applied in two layers)

Topcoat: Peran PU Pigment Matt @ 0.25 kg/m<sup>2</sup>  
(total for 2 coats)

Detailed application instructions are available upon request.

**NB:** Specifications are written for each installation to meet the clients particular requirements.

## 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 web site [www.flowcrete.co.uk](http://www.flowcrete.co.uk).

## Focus on the Floorzone

Flowcrete are market 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 manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

## Technical Information

Tested and certified in accordance with BS.EN 14904:2006.

Test type	Mean Results	Specification limits
Vertical ball	98%	>90% of rebound on concrete
Shock Absorption	27%	25-27%
Vertical Deformation	0.5mm	< 5.0mm
Friction	102PTV	80-110PTV
Indentation after 5 minutes	0.5mm	≤ 0.5mm
Indentation after 24 Hours	0.0mm	≤ 0.5mm
Impact	No visible Damage	No perceivable Damage
Resistance to wear	95mg	
Resistance to roller Load indentation.	0.15mm	≤0.5 mm
Specular Gloss	26%	≤ 30 % for Matt

## 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.

## 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.

## 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.

## 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.