

## FlowSport 102 (12mm)

A composite surface specially designed to create a synthetic flexible indoor sports flooring.

It provides a resilient uniform seamless and durable surface for multi-use gymnasium and indoor sports venues. Court lines and area markings can be applied on top of the finished surfaces.



### Certified system:

Full compliance to EN 14904:2006.



### Aesthetically Attractive:

Attractive range of bright colours for pleasant sporting environment.



### Seamless finish:

Seamless hygienic surface, easy to clean and maintain.



### Flexible:

Resilient and flexible system with cushioned effect.



### Resistant:

Hard wearing, durable, abrasion and impact resistant finish.



Red Oxide



Pigeon Blue



Reseda Green



Stone Grey



Window Grey

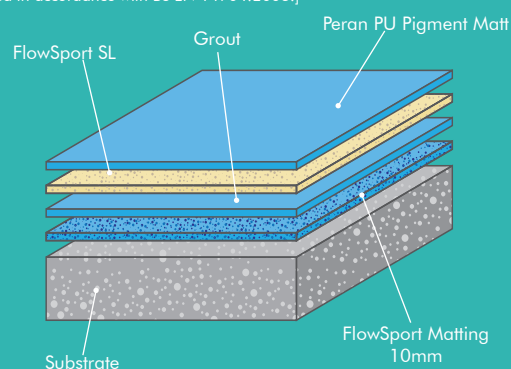
The applied colours may differ from the examples shown. Special corporate colours and designs can be produced to special order. For a full colour chart and samples, contact your local Flowcrete office.

## Technical Profile\*

FRICTION	
Mean Results: 102PTV	Specification Limits: 80-110PTV
<b>RESISTANCE TO WEAR</b>	95mg
SPECULAR GLOSS	
Mean Results: 26%	Specification Limits: ≤ 30% for Matt
VERTICAL BALL	
Mean Results: 98%	Specification Limits: > 90% of rebound on concrete
SHOCK ABSORPTION	
Mean Results: 27%	Specification Limits: 25-27%
VERTICAL DEFORMATION	
Mean Results: 0.5mm	Specification Limits: < 5.0mm
INDENTATION AFTER 5 MINUTES	
Mean Results: 0.5 mm	Specification Limits: ≤ 0.5mm
INDENTATION AFTER 24 HOURS	
Mean Results: 0.0mm	Specification Limits: ≤ 0.5mm
IMPACT	
Mean Results: No visible damage	Specification Limits: No perceivable damage
RESISTANCE TO ROLLER LOAD INDENTATION	
Mean Results: 0.15mm	Specification Limits: ≤ 0.5mm

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

[\*Tested in accordance with BS EN 14904:2006.]



## Model Specification

System	FlowSport 102
Finish	Matt

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

## Products Included In This System

Primer	Flowseal EPW (Coloured) Gloss @ 0.3 kg/m <sup>2</sup>
Adhesive	SN339 PU adhesive
Mat	FlowSport Matting 10mm
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 2 coats
Bodycoat	NEW FlowSport SL @ 2.2 kg/m <sup>2</sup> (2mm thickness applied in 2 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.

## Substrate Requirements

Concrete or screed substrates should be a minimum of 25 N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS 8204 and free from rising damp and ground water pressure. If no damp proof membrane is present, Hydraseal DPM can be incorporated as the primer.

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

## Aftercare, Cleaning & Maintenance

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

## Important Notes

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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

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. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Flowcrete UK Ltd. Please consult Technical Team in your own country region for specific details.  
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