

Flowscreed SatinTop (10mm)

A decorative cementitious flooring system finished with a satin polyurethane sealer.

Flowscreed SatinTop is a cost-effective solution for commercial environments requiring an urban concrete look.



Attractive:

Aesthetically pleasing - delivers a natural look appearance.



Application:

Simple application process with fast return to service.



Resistant:

Abrasion and superior UV light resistance to minimise yellowing.



Easy to Clean:

Seamless surface easy to clean and with a long life span.



Equipment:

No requirement for specialist polishing equipment.



The colour shown is an example of the natural appearance that can be obtained with this system. For samples of this concept, contact your local Flowcrete office.

Technical Profile*

FIRE RESISTANCE		
EN 13501-1	B _{fl} - s1	
BOND STRENGTH		
EN 13892-8	> 1.5 N/mm ²	
IMPACT STRENGTH		
ISO 6272-1	10 Nm	
WEAR RESISTANCE		
EN ISO 5470-1	Weight loss < 3000 mg	
TEMPERATURE RESISTANCE		
Tolerant of sustained temperatures up to 50°C		
SLIP RESISTANCE**		
EN 13036-4 / BS 7976-2 (typical values for 4-S rubber slider)	Dry >40 low slip potential (according to HSE & UK SRG guidelines)	
COMPRESSIVE STRENGTH (28 DAYS)		
EN 13892-2	35 N/mm ²	C35
FLEXURAL STRENGTH (28 DAYS)		
EN 13892-2	9 N/mm ²	F9
SHRINKAGE		
< 0.06%		
LAYING TEMPERATURE		
5 – 25 °C		

SPEED OF CURE***	10 °C	20 °C	30 °C
Light traffic	48 hrs	24 hrs	16 hrs
Full traffic	4 days	2 days	2 days
Full chemical cure	14 days	7 days	4 days

*These figures are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

**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 Department for further details and specifications.

***From the application of the sealer.

Model Specification

Product	Flowscreed SatinTop
Finish	Satin

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

Products Included in This System

Primers	Flowprime @ 0.25 kg/m ² Quartz 1 – 2mm @ 2 kg/m ²
Topping	Flowscreed Industrial Top @ 17 kg/m ² for 10mm
Stain Protection	Flowseal PU Anti-Stain @ 0.15 kg/m ² (total for 2 coats)

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS 8203 and free from rising damp and ground water pressure. If above 75% RH, or no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Flowscreed SatinTop system.

Installation Service

The installation can be carried out by an approved contractor. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website www.flowcrete.co.uk.

Notes

Flowscreed SatinTop contains a liquid repellent sealer to help prevent staining. However, it is important to clean any coloured liquid stains as soon as possible to avoid penetration into the surface.

It provides superior UV light resistance and minimise yellowing. However, no products are 100% totally colour fast and may change colour over time. 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 very light colours but does not compromise the product's flexibility or chemical resistance characteristics.

Each installation is unique and dynamic in its appearance, producing a marbled contrast reminiscent of a polished concrete finish. Samples are available to show the concept of this system but please see project reference pictures for a better impression of the whole floor finish.

The product is formulated to minimise hairline cracks in the finished system. However, it is not feasible to completely eliminate the risk of drying shrinkage due to the nature of cementitious products. Any such cracks may contribute to the aesthetics of the product but do not affect its performance or integrity. Note that cracks due to structural movement will be reflected through the system.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a neutral detergent /floor maintainer and dry burnish.

Flowseal PU Anti-Stain may be reapplied throughout the life of the system to maintain its original appearance.

Alternatively, the surface may be maintained and protected with a suitable high solids metalized floor polish as required (dependant on levels of traffic).

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Terms and Conditions of Sale', copies of which can be obtained on request .

Important Notes

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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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