

Isocrete Coloured Screed (10 – 15mm)

A decorative cementitious flooring system finished with a stain resistant high gloss polish to produce a polished concrete visual effect.

Isocrete Coloured Screed uses a self-levelling re-surfacing compound that can be integrally coloured, dyed, stained and polished. It is ideal for commercial environments requiring an urban concrete look.



Attractive:

Aesthetically pleasing - delivers a natural look appearance.



Application:

Fast return to foot traffic after completion.



Resistant:

Abrasion and superior UV light resistance to minimise yellowing.



Easy to Clean:

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



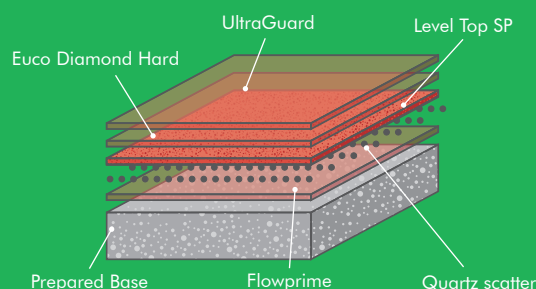
Technical Profile*

FIRE RESISTANCE		
BS EN 13501-1	E	
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 – 30 °C		

SPEED OF CURE		20° C
Walk on	1 - 2 hrs	
Full Traffic & Chemical Cure	72 hrs	

*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.



Model Specification

Product	Isocrete Coloured Screed
Finish	Gloss

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 Isocrete Primer (diluted) @ 0.06 kg/m ²
Topping	Level Top SP @ 17 kg/m ² for 10mm <i>(1x Thin-Crete Colour Pack per bag of Level Top SP)</i>
Reactive Sealer	Euco Diamond Hard @ 4.9 - 6.1 m ² /L per application
Stain Protection	UltraGuard @ 12.1 - 25 m ² /L per application (4-5 layers to be applied)

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 BS8203 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 Isocrete Coloured Screed 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.

Important Notes

Isocrete Coloured Screed contains a liquid repellent additive 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.

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. Maintain the surface appearance 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.

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.
[2017.12, 01 UK]