

Flowseal ESD Conductive

A conductive, water-based epoxy floor coating that complies with a variety of electrical resistance requirements.

Suitable for use in light traffic environments where conductive ESD standards are required.



Antistatic:

Meets BS 2050, ANSI/ESD S2020 (ANSI/ESD S7.1 & ANSI/ESD STM 97.1), ASTM F150 Conductive, IEC 61340-4-1 and IEC 61340-4-5.



Hygienic:

Seamless finish provides a surface that is easy to clean and maintain.



Solvent Free:

Solvent free, low in VOCs and environmentally friendly.



Charcoal



Yellow



Steel Blue



Mid Blue



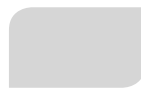
Light Green



Dark Green



Chilli Red



Light Grey



Steel Grey

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.



Technical Profile*

FIRE RESISTANCE

EN 13501-1

B_n - s1

SLIP RESISTANCE**

Method described in BS 7976-2 (typical values for 4-S rubber slider)

Dry >40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)

TEMPERATURE RESISTANCE

Tolerant up to 70°C

CHEMICAL RESISTANCE

Contact Technical Department

ABRASION RESISTANCE

Taber Abrader (1 kg load using CS10 wheels)

0.15g loss per 1000 cycles

ELECTRICAL RESISTANCE

ASTM F150

2.5x10⁴ to 1x10⁶Ω

BS 2050

5.0x10⁴ to 1x10⁸Ω

BOND STRENGTH

Greater than cohesive strength of 25 N/mm² concrete. >1.5 MPa

BODY VOLTAGE GENERATION (BVG)

IEC 61340-4-5 and ANSI/ESD STM 97.1/97.2

<100V

SPEED OF CURE

10 °C

20 °C

30 °C

Light Traffic

24 h

15 h

10 h

Full Traffic

36 h

24 h

18 h

Full Chemical Cure

14 d

7 d

6 d

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

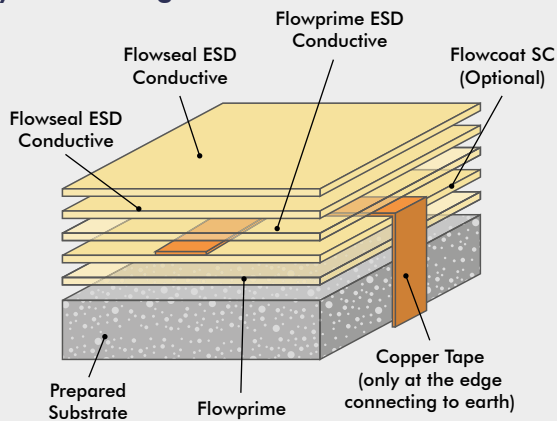
**The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

Model Specification

System	Flowseal ESD Conductive
Finish	Satin
Thickness	Dependant on specification
Manufacturer	Flowcrete Asia

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

System Design



Products Included In This System

Primer	Flowprime
Scratch Coat	Flowcoat SC (optional)
Antistatic Primer	Flowprime ESD Conductive
Finishing Coat	Flowseal ESD Conductive

Detailed application instructions are available upon request.

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.

Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact our customer service team or enquire via our website at www.flowcreteasia.com

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.

Aftercare, Cleaning & Maintenance

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

Important Note

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages.

Further Information

To ensure you are specifying a fit-for-purpose floor, please consult our Technical Advisors or visit our website to register your interest in specifying one of the most durable floors on the market.

1. Light colours may require additional coats to achieve desired results 2. It is recommended that top coat colours are close to base coats colours to achieve desired results
3. This product is not UV stable and may discolour unless otherwise stated 4. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.