

Flowcoat ESD (Antislip)

An antistatic epoxy floor coating with a textured profile that creates a safe, anti-slip surface to protect the wellbeing of its users.

For use in light to medium duty traffic areas where ESD standards are required.



Antistatic:

Meets IEC 61340-5-1 antistatic flooring resistance requirements.



Low Odour:

Solvent free and low odour during and after application.



High Chemical Resistance:

Protects against a majority of chemicals used in manufacturing processes.



Slip Resistant:

Textured finish available to prevent slips and trips for car park users.



Light Green



Dark Green



Steel Grey



Light 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	Dependent on specification		
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)		
THERMAL RESISTANCE			
Tolerant up to 60°C			
WATER PERMEABILITY			
Nil – Karsten test (impermeable)			
ABRASION RESISTANCE			
Taber Abrader (1 kg load using CS17 wheels)	80 mg loss per 1000 cycles		
COMPRESSIVE STRENGTH			
EN 13892-2	60 N/mm ²		
FLEXURAL STRENGTH			
EN 13892-2	40 N/mm ²		
TENSILE STRENGTH			
BS 6319	25 N/mm ²		
BOND STRENGTH			
Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa			
ELECTRICAL RESISTANCE			
IEC 61340-5-1	5 x 10 ⁴ – 1.0 x 10 ⁹ Ω		
SPEED OF CURE			
	10 °C	20 °C	30 °C
Light Traffic	36 h	30 h	24 h
Full Traffic	72 h	48 h	36 h
Full Chemical Cure	12 d	7 d	6 d

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

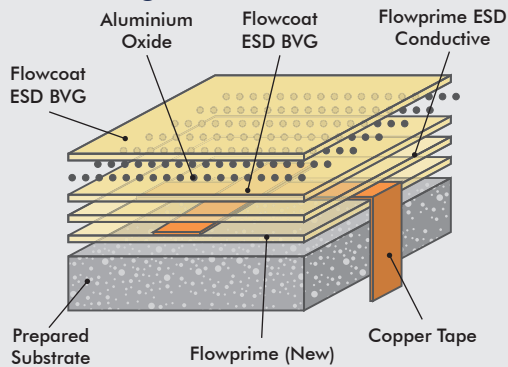
**The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for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

Model Specification

System	Flowcoat ESD (Antislip)
Finish	Gloss
Thickness	Dependant on specification
Manufacturer	Tremco CPG

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

System Design



Products Included In This System

Primer	Flowprime (New)
Copper Tape	To connect to earthing points
Antistatic Primer	Flowprime ESD Conductive
Basecoat	Flowcoat ESD BVG
Scatter	Aluminium Oxide
Finishing Coat	Flowcoat ESD BVG

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. Application of a 1mm self-smoothing product also requires a smooth substrate.

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. Ensure that the floor is not abraded during cleaning and that the cleaning agent does not deposit a layer of wax or residue on the surface as this will impair the antistatic properties of the floor.

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.