

Antistatic Flooring

Antistatic flooring solutions designed to safely ground or dissipate the build-up of electrostatic charge in sensitive environments.

Application Suitability

✓	Avionic Facilities
✓	Electronic Facilities
✓	Pharmaceutical Facilities
✓	Circuit Board Assembly Areas
✓	ICT & Data Centers
✓	Assembly & Packing Lines
✓	Warehousing Facilities





Flowcoat ESD (20 - 25 mils)

A 100% solids, chemical resistant seamless epoxy floor coating system designed to dissipate electrostatic charge.



Electrostatic Dissipative:*

Electrical resistance to ground less than 1×10^9 ohms.



ANSI S20.20-2014 Compliant:

Meets parameters derived from standard test methods for flooring outlined in S20.20.



Low Body Voltage Values:

Minimizes the charge created by movement of people and equipment.



Fire Safe:

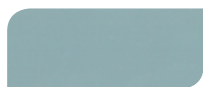
Minimizes fire risk from charge in areas where flammable materials are handled.



Seamless & Easily Cleaned:

Seamless installation ensures dirt and dust are swiftly and easily cleaned away.

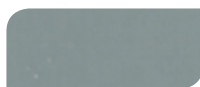
Standard Colors:



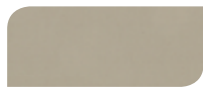
Sky Blue



Light Gray



Medium Gray



Beige

COMPRESSIVE STRENGTH:

ASTM C 579	> 11,600 psi
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FLEXURAL STRENGTH:

ASTM C 580	8,700 psi
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RESISTANCE TO GROUND:

ANSI ESD STM 97.1	< 1.0×10^9 ohms
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TYPICAL RESISTANCE TO GROUND:

ANSI ESD STM 97.1	< 3.5×10^7 ohms
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.06g loss
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SLIP RESISTANCE:

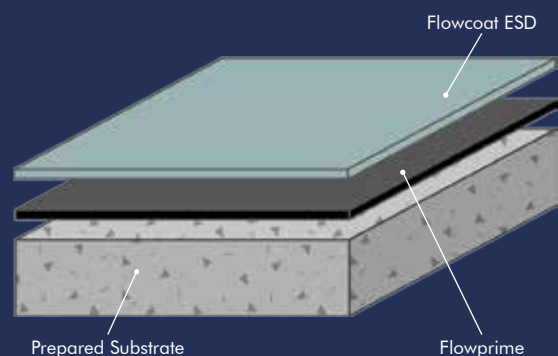
BS 7976-2	Dry : 80 Wet : Dependent on specification
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TEMPERATURE RESISTANCE:

Continuous Exposure:	160°F
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VOC:	20 g/l
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SPEED OF CURE:	50°F	70°F	90°F
Light Traffic	24-36 hrs	12-16 hrs	6-10 hrs
Full Traffic	3-5 days	36-48 hrs	18-24 hrs
Full Chemical Cure	10-14 days	5-7 days	3-5 days



*To be used in conjunction with suitable ESD footwear.

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

Products Included In This System

Unit:	3.25 gal (including color pack)
Primer:	Flowprime at 175 - 225 sq ft/gal
Topcoat:	Flowcoat ESD at 115 sq ft/gal

Coverages listed are theoretical, coverages may vary based on substrate and site variations. For optional slip resistant dressings please consult our Technical Advisors.

Installation

Installation should be carried out by a Flowcrete STAR or preferred contractor with a documented quality assurance note. Obtain details of our preferred contractor network from our customer service team or by enquiring through our website. Detailed application instructions are also available upon request.

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,000 psi compressive strength, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Technical Profile

The figures and test results shown overleaf are typical properties achieved in laboratory tests at 75°F and at 50% Relative Humidity.

Aftercare, Cleaning & Maintenance

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

Environmental Health & Safety

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 Americas' staff and fully trained application teams.

Warranty

Flowcrete Americas' 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. Please review warranty in detail before installing the products.

Disclaimer

Any recommendation or suggestion relating to the use of products manufactured by Flowcrete Americas, whether in its technical literature or in response to a specific inquiry, is based upon data believed to be reliable, however the products and information are intended for use by applicators having requisite skill and know-how in the industry and therefore it is for the applicator to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the applicator has done so at its sole discretion and risk.

[08/12/16]