

Flowshield ESD

Anti Static Self-Levelling



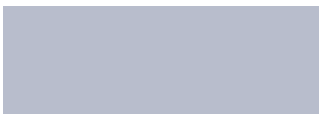
Standard Colour Chart



Cream



Kalahari



Light Grey



Mid Grey



Slate Grey



Sky Blue



Green



Signal red

Description

A four component, easy to apply, solvent free resin based floor topping laid at 2 mm. It is especially formulated as part of an electrostatic dissipative flooring system.

Uses

To provide a hard - wearing, seamless, antistatic floor with an electrical resistance in the range 5×10^4 – 10^8 ohms.

Benefits

- Meets BS2050 antistatic requirements.
- Seamless and hygienic finish, no crevices where dirt and bacteria can dwell.
- Attractive, light reflectant appearance.
- High abrasion resistance.
- Solvent free, low odour.
- Fast installation.

Project References

Lever Ponds, Sasol, Siemens, Somchem.

Model Specification

Product: Flowshield ESD
Finish: Gloss
Thickness: 2 mm
Colour: Available in a range of standard colours
Manufacturer: Flowcrete SA (Pty) Ltd
Telephone: Customer Service +27(0)31 461 3411

Preparatory work and application in accordance with supplier's instructions

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 to 75% RH as per BS8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Flowcem DPM can be incorporated directly beneath the Flowcoat system.

Products Required in this System

Flowprime
Copper tape
AS Primer
Flowshield ESD

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcretesa.co.za.

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.

Focus on the Floor-zone

Flowcrete Group are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Fire Resistance:	BS476 Part 7 Surface spread of flame-class 2 (indicative)
Slip Resistance:	Dry 80 Wet 14 (BS7976-2)
Thermal Resistance:	Tolerant of sustained temp of 50 °C
Water Permeability:	Nil
Surface Hardness:	Shore D 80
Chemical Resistance:	Consult technical dept
Abrasion Resistance:	Abrasion test as per BS8204
Compressive Strength:	>55 N/mm ²
Flexural Strength:	>30 N/mm ²
Tensile Strength:	>15 N/mm ²
Bond Strength:	>Cohesive strength of concrete

Speed of Cure

	10°C	20°C	30°C
Light traffic	36 hrs	18 hrs	16 hrs
Full traffic	36 hrs	48 hrs	24 hrs
Full chemical cure	7 days	7 days	5 days

Aftercare - Cleaning and Maintenance

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

Further Information

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

Important Note

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