

Flowshield SL ESD (2mm)

A solvent-free, resin-based floor topping formulated as part of an electrostatic dissipative flooring system.



Electrostatic Dissipative:

Meets BS 2050 antistatic requirements.



Wear Resistant:

Excellent abrasion, impact and wear resistance in high traffic areas.



Seamless & Easily Cleaned:

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



Low Odour:

Low odour installation, non-toxic, and phthalate-free formulation.



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

Technical Profile

FIRE RESISTANCE

SANS 10177 Part 4 Class 1

SLIP RESISTANCE

BS 7976-2 Dry 80, Wet 14

THERMAL RESISTANCE

Tolerant of sustained temperatures of 50°C

WATER PERMEABILITY

Karsten Test Nil (Impermeable)

SURFACE HARDNESS

Shore D 80

COMPRESSIVE STRENGTH

>55 N/mm²

FLEXURAL STRENGTH

>30 N/mm²

TENSILE STRENGTH

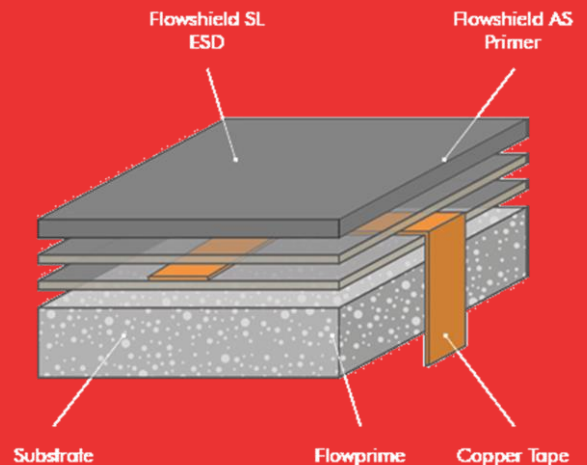
>15 N/mm²

BOND STRENGTH

>1.5 MPa concrete failure

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

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



Model Specification

System	Flowshield SL ESD
Finish	Gloss
Thickness	2mm
Colour	See standard colour chart

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

Products Included in this System

Primer	Flowprime
Copper Tape	Copper Tape
Antistatic Primer	Flowshield S Primer
Topping	Flowshield SL ESD

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

Installation Service

The installation should be carried out by an Approved Applicator. For details on our Approved Applicators, contact our regional office. Detailed application instructions are available upon request.

Aftercare, Cleaning & Maintenance

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

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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems ... to name just a few. Our objective is to satisfy your Floorzone needs.

Warranty

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. Please review warranty in detail before installing the products.