

## Flowshield SL ESD (2mm)

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



**Electrostatic Dissipative:**  
Meets BS2050 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 odor installation, non-toxic, and phthalate-free formulation.



Cream      Kalahari      Light Grey



Mid Grey      Slate Grey      Sky Blue



Green      Signal Red

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

|                    |         |
|--------------------|---------|
| SANS10177 - Part 4 | Class 1 |
|--------------------|---------|

### SLIP RESISTANCE

|          |                |
|----------|----------------|
| BS7976-2 | 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/mm<sup>2</sup>

### FLEXURAL STRENGTH

>30 N/mm<sup>2</sup>

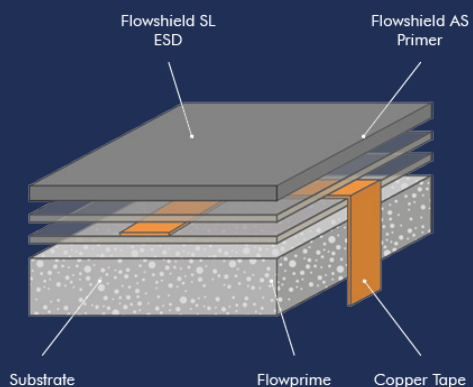
### TENSILE STRENGTH

>15 N/mm<sup>2</sup>

### 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 |



\*\*Cure times at temperatures between 0–30°C can be achieved by altering the quantity of catalyst used.  
For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

## Model Specification

|                     |                           |
|---------------------|---------------------------|
| <b>System</b>       | Flowshield SL ESD         |
| <b>Finish</b>       | Gloss                     |
| <b>Thickness</b>    | 2mm                       |
| <b>Colour</b>       | See standard colour chart |
| <b>Manufacturer</b> | Flowcrete SA (Pty) Ltd    |

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

## Products Included In This System

|                          |                      |
|--------------------------|----------------------|
| <b>Primer</b>            | Flowprime            |
| <b>Copper Tape</b>       | Copper Tape          |
| <b>Antistatic Primer</b> | Flowshield AS Primer |
| <b>Topping</b>           | Flowshield SL ESD    |

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8204.

## Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete 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.

[20/11/18]