

Flowshield ESD SL (2mm)

A anti-static, hard-wearing, abrasion resistant, self-smoothing gloss finish resin flooring system.

Typically used in sensitive environments such as electronic, laboratory, defence and clean room environments.



Anti-Static:

Meets EN IEC 61340-5-1 anti-static standard requirements.



Attractive:

Brightens and enhances workspace environments.



Low Maintenance:

Seamless, hygienic finish, which requires low maintenance.



Abrasion Resistant:

Hard wearing, durable and abrasion resistant coating.

Technical Profile

FIRE RESISTANCE - AS/ISO 9239.1

CHF Value 6.6 kW/m²

Smoke Value 398% (Mean)

SLIP RESISTANCE

Method described in AS4586-2013

P1 Rating
(in accordance with AS4586-2013)

TEMPERATURE RESISTANCE

Softens over 60°C

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

BOND STRENGTH

ASTM D4541 (Pull-Off Test)

> 1.5MPa*

ELECTRICAL RESISTANCE

EN IEC 61340-5-1

< 1 × 10⁹ Ω

ABRASION RESISTANCE

Taber Abrader
1 kg load using H17 wheels

50mg loss per 1000 cycles

COMPRESSIVE STRENGTH

BS6319

60 N/mm²

FLEXURAL STRENGTH

BS6319

40 N/mm²

TENSILE STRENGTH

BS6319

25 N/mm²

CHEMICAL RESISTANCE

Contact Technical Department

SPEED OF CURE**

Foot Traffic

10 °C

20 °C

30 °C

36 hrs

24 hrs

16 hrs

Vehicular Traffic

72 hrs

48 hrs

36 hrs

Full Chemical Cure

12 days

7 days

7 days

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



Charcoal



Steel Grey



Dark Green



Tile Red



Steel Blue



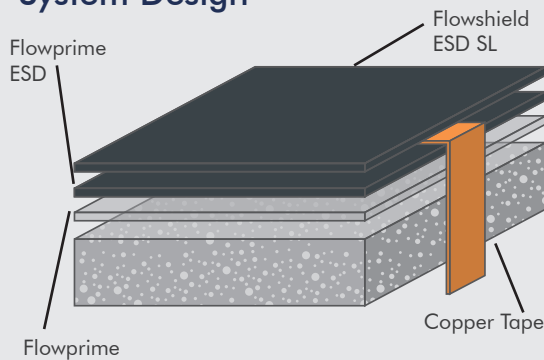
Mid Blue

Model Specification

System	Flowshield ESD SL
Finish	Gloss
Thickness	2mm
Manufacturer	Flowcrete Australia Pty Ltd
Contact	+ 61 7 3205 7115

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

System Design



Products Included In This System

Layer 1	Flowprime
Layer 2	Flowprime *2nd Coat for porous substrates only.
Layer 3	Flowprime ESD
	Conductive Grid of 12mm wide Copper Tape
Layer 4	Flowshield ESD SL

Coving

Coving can form an integral part of the flooring system. It creates a sealed finish between the floor and wall joint. Please refer to Flowtex F1 Coving Mortar for further information.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, dust and other contamination. Substrate

should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

Installation Service

The installation should be carried out by a qualified contractor with a documented quality assurance scheme. For details of our recommended contractors, contact your local Flowcrete office. Detailed application instructions are available upon request.

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 of the products by Flowcrete staff.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent. Please refer to Flowcrete's Cleaning & Maintenance Guide for further information.

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.