

Flowseal ESD EPW (0.15 mm dry film thickness)

Coloured, satin finish, water based electrostatic dissipating hygienic floor coating.



Anti-Static:

Meets EN 1081 & EN IEC 61340 requirements.



Attractive:

Enhances the appearance of working environment.



Hygienic:

Provides a seamless finish that is easy to clean and maintain.



Low Odour:

Exhibits a low odour during application.



Blue 451



Emerald Green
740



Goosewing
Grey 222



Mid Grey 280

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

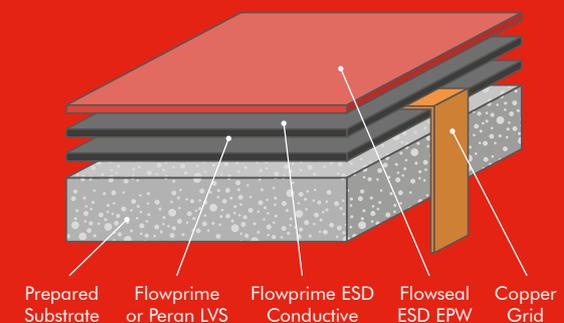
Technical Profile*

FIRE RESISTANCE			
EN 13501-1	B _{FL} -s1		
TEMPERATURE RESISTANCE			
Tolerant up to 70°C (intermittent) or 50°C (sustained)			
WEAR RESISTANCE <small>Taber Abrader, H22 wheels, 1000 cycles, 1kg load</small>			
EN ISO 5470-1	Weight loss <100 mg		
CAPILLARY ABSORPTION & WATER PERMEABILITY			
EN 1062-3	0.003 kg/m ² × h ^{0.5}		
BOND STRENGTH			
EN 1542	>3 N/mm ²		
SURFACE HARDNESS			
Koenig Hardness Test	182 secs.		
SLIP RESISTANCE** <small>(in accordance with HSE and UKSRG guidelines)</small>			
EN 13036-4 / BS 7976-2 <small>(typical values for 4-S rubber slider)</small>	Dry >40 low slip potential		
BS 8204-6 / FeRFA			
Type 1			
ELECTRICAL RESISTANCE <small>Flowseal ESD</small>			
EN IEC 61340 <small>EPW</small>	5 × 10 ⁴ – 1 × 10 ⁹ Ohms		
SPEED OF CURE***			
	10°C	20°C	30°C
Light Traffic	24 hrs	12 hrs	8 hrs
Full Traffic	36 hrs	24 hrs	16 hrs
Full Chemical Cure	14 days	7 days	5 days

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

**The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/ or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/ or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

***Low relative humidity and good ventilation are pre-requisites to achieving the above drying times.



Model Specification

System	Flowseal ESD EPW
Finish	Satin

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

Products Included In This System

Primer	Flowprime or Peran LVS @ 0.3 kg/m ²
Conductive Grid	10 mm wide self-adhesive Copper tape. Test conductivity before proceeding.
ESD Primer	Flowprime ESD @ 0.06–0.08 kg/m ² Test conductivity before proceeding.
Topcoat	1 st Coat: Flowseal ESD EPW @ 0.13 kg/m ² * 2 nd Coat: Flowseal ESD EPW @ 0.13 kg/m ² * *Application and coverage rates are assisted by addition of water: <ul style="list-style-type: none">• 20% water by weight of the unit (A+B) must be added to the mixed product for first coats and priming.• 10% water by weight of the unit (A+B) must be added to the mixed product for subsequent coats.• Note: Once diluted, do not add further quantities of water.

Detailed application instructions are available upon request.

Conductive Grid

A network of 10 mm wide Copper conductive tape, see Application Instructions for details.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be surface dry to 95% RH as per BS8203 and free from rising damp and ground water pressure.

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 website www.flowcrete.co.uk

Aftercare

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

Note

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

Intensively coloured products (e.g. hair colourants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discolouration in the surface. Please contact our Technical Services Department for further advice.

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. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Flowcrete UK Ltd. Please consult Technical Team in your own country region for specific details. [11/12/18, 01 UK]