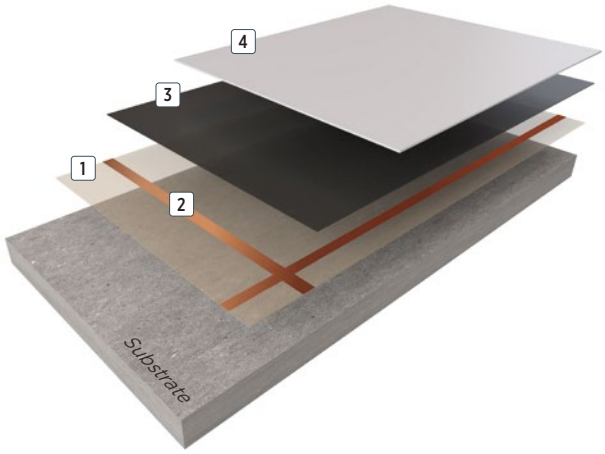
FASTOP® SL ESD

FasTop SL ESD is a static-dissipative resin flooring system providing an electrical conductivity leakage resistance less than 10^9 ohms. The self-levelling system comprises conductive fillers with selected polyurethane cement resin components and pigments to provide an aesthetically pleasing finish with resistance against chemical attack and abrasion. It is ideal for production areas and clean rooms where a matt static-dissipative smooth, tough and hygienic floor is required.



4 Conductive screed: **FasTop SL ESD**

3 Conductive primer: **Resuprime™ ESD**

2 Earthing: **Copper tape**

1 Primer: **Resuprime ST**

3mm

BENEFITS

- Static dissipative seamless matt finish
- High chemical resistance
- Resistant to hot water
- Hard wearing
- Self-levelling
- Meets the requirements of EN 61340-5-1 Table 2 (EN 61340-4-5)
- Impermeable and non porous
- Antimicrobial finish resists bacterial growth

USES

- Pharmaceutical plants
- Chemical plants
- Electronics manufacturing
- Food manufacturing
- TV and radio studios
- Industrial workshops
- Battery manufacturing
- Automotive manufacturing and workshops
- Heavy manufacturing



FEATURED COLOURS


Light Grey


Mid Grey


Dark Grey


Black


Buff


Marigold


Orange


Red


Green


Blue

This reproduction approximates the actual colour. Factors such as the type of product, degree of gloss, texture, size and shape of area, lighting, heat, or method of application may cause colour variance. Substituting other manufacturers' colours may not be representative of our blends. Contact your Sherwin-Williams representative for details.

SYSTEM COMPOSITION

Coat	Product options	Theoretical consumption kg/m²	Application
Primer	Resuprime™ ST	0.30	Roller
Earthing	Copper Tape	n/a	Adhesive
Conductive primer	Resuprime ESD	0.25	Roller
Conductive screed	FasTop SL ESD	6	Trowel / spiked roller
Approximate thickness: 3mm			

TYPICAL CURE TIMES

Temperature	10°C	20°C	30°C
Foot traffic	24 - 36 hrs	12 - 16 hrs	8 - 12 hrs
Full traffic	72 - 96 hrs	48 hrs	36 - 48 hrs
Full chemical cure	8 days	Up to 7 days	5 days

CHEMICAL RESISTANCE

Sherwin-Williams High Performance Flooring offers a broad range of systems to accommodate nearly every industrial, commercial and institutional setting. Each flooring system includes a standard chemical resistant topcoat or surface proven to perform under typical conditions.

Important considerations:

- The combination of cleaning solutions, sanitising chemicals, processing substances and products found in any operational setting is unique.
- Knowing exactly which materials are present – as well as their concentrations and typical exposure times before cleanup – is critical for proper flooring system selection.
- During the specification process, a flooring system's standard chemical resistant topcoat may get replaced with one better suited to unique facility conditions.

The ability of a flooring system to perform as designed relies heavily on proper selection. Matching each use case with the right chemical resistant flooring is key to a having a facility looking great and functioning at peak level over the long term.

See our Chemical Resistance Guide and other technical resources on our website. Connect with a Sherwin-Williams High Performance Flooring expert for help with specifying an optimal flooring system for your facility.

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	BS EN 13892 - 4:2002	AR 0.5 (<50 µm wear)
Compressive strength	BS EN ISO 604:2003	47.9 MPa
Tensile strength	BS EN ISO 527 - 2:2012	8.1 MPa
Flexural strength	ISO 178:2010	14.4 N/mm²
Bond strength	BS EN 13892 - 8:2002	>3 N/mm² (substrate failure)
Impact resistance	BS EN 1504 - 2:2004	Class II
Temperature resistance	Temperatures up to 80°C at 3 mm	
Reaction to fire	BS EN 13501 - 1:2018	B_{fl} – s1
Resistance to ground	BS EN 61340-4-5:2018	R_g < 1 x 10^9 Ω & absolute value of body voltage < 100 V
FeRFA category	5	

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

FIND YOUR LOCAL CONTACT

resinflooring.sherwin.eu

02.25 HPF0049/03