



STATIC-DISSIPATIVE POLYURETHANE CEMENT FLOOR SYSTEM

FasTop® ESD is a static-dissipative resin-based flooring system providing an electrical conductivity leakage resistance under 10^9 ohms. The 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.

3 - 9 mm

Benefits

- Static dissipative seamless matt finish
- High chemical resistance
- Resistant to hot water
- Hard wearing
- Self-levelling (with FasTop® SL ESD)
- Slip resistant (with FasTop® TG ESD)
- FasTop® SL ESD meets the requirements of EN 61340-5-1 Table 2 (EN 61340-4-5)
- FasTop® TG ESD meets the requirements of EN 61340-5-1 Tables 2 and 3 (EN 61340-4-1 and EN 61340-4-5)

Scope of use

- Pharmaceutical and chemical plants
- Electrical industrial areas
- Food manufacturing areas
- Studio areas
- Operating theatres
- Chemical plants
- Oil and gas facilities
- Industrial workshops

DESIGNED TO PERFORM

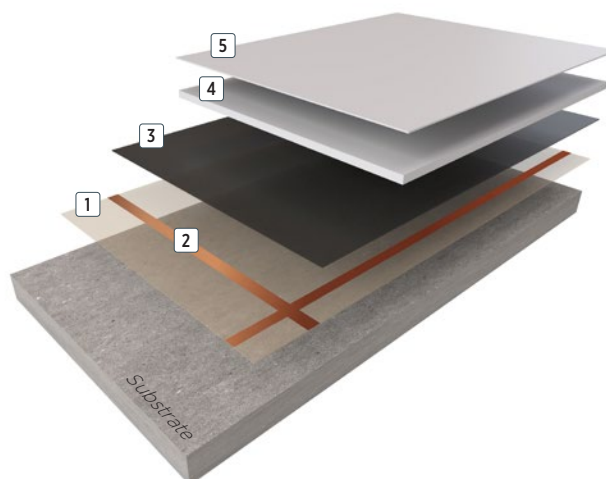
resinfooring.sherwin.eu

**SHERWIN
WILLIAMS®**

**HIGH
PERFORMANCE
FLOORING**

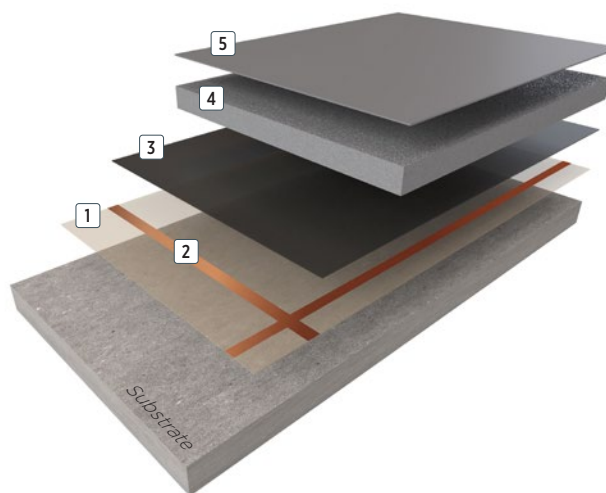
SELF-LEVELLING CONDUCTIVE SYSTEM

- 5 Topcoat (optional): **Resupen™ WB Coloured**
- 4 Conductive self-leveller: **FasTop® SL ESD**
- 3 Conductive primer: **Resuprime™ ESD**
- 2 Earthing: **Copper tape**
- 1 Primer: **Resuprime™ ST**



SCREED CONDUCTIVE SYSTEM

- 5 Topcoat (optional): **Resupen™ WB Coloured**
- 4 Conductive self-leveller: **FasTop® TG ESD**
- 3 Conductive primer: **Resuprime™ ESD**
- 2 Earthing: **Copper tape**
- 1 Primer: **Resuprime™ ST**



SYSTEM COMPOSITION

		Self-levelling conductive system	Screed conductive system	
Coat	Product options	Theoretical consumption kg/m²		Application
Primer	Resuprime™ ST	0.30		Roller
Copper tape	Copper Tape	n/a		Adhesive
Conductive primer	Resuprime™ ESD	0.25		Roller
Conductive self-leveller	FasTop® SL ESD or FasTop® TG ESD	6.00		Trowel / spiked roller
			12 - 18	Trowel
Topcoat	Resupen™ WB Coloured (optional)	0.12		
	Approximate thickness	3 mm	6 - 9 mm	

TYPICAL PHYSICAL PROPERTIES

		Self-levelling FasTop® SL ESD	Screed FasTop® TG ESD
Abrasion resistance	BS EN 13892 - 4:2002	AR 0.5 (less than 50 microns wear)	AR 1 (less than 100 microns wear)
Compressive strength	BS EN ISO 604:2003	47.9 MPa	
	BS EN 13892 - 2:2002		48.1 N/mm ²
Tensile strength	BS EN ISO 527 - 2:2012 BS 6319 - 7:1985	8.1 MPa	4.2 N/mm ²
Flexural strength	ISO 178:2010 BS EN 13892 - 2:2002	14.4 N/mm ²	5.7 N/mm ²
Bond strength	BS EN 13892 - 8:2002	>3 N/mm ² (substrate failure)	
Impact resistance	BS EN 1504 - 2:2004	Class II	
Temperature resistance		Temperatures up to 80°C at 3 mm	Temperatures up to 120°C at 9 mm
Chemical resistance		Excellent	
Reaction to fire	BS EN 13501 - 1:2018	B _{fl} - s1	
Resistance to ground	(EN 61340-4-5:2018)	R _g < 1 x 10 ⁹ Ω & absolute value of body voltage < 100 V	

TYPICAL CURE TIMES (with FasTop® Multi SL ESD)

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

DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product(s) offered at the time of publication. Published technical data and instructions are subject to change without notice.

Please report to Product Data Sheets and Safety Data Sheets for detailed application guidance.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. No warranty or guarantee of any kind is made by Sherwin-Williams, expressed or implied, statutory, by operation of law or otherwise including merchantability and fitness for a particular purpose.