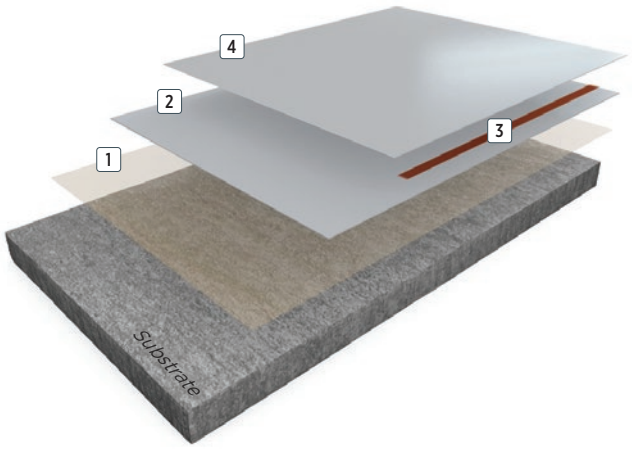
RESUFLOR™ TOPCOAT SDU

Resuflor Topcoat SDU is an epoxy resin based coating system with a static dissipative urethane topcoat. The system provides a highly durable satin finish with high chemical resistance and UV stability. Well suited to use in laboratories, cleanrooms, electronics manufacturing and many other areas requiring ESD performance.



4 Topcoat: **Resutile™ SDS**

3 Earthing: **Copper tape tail**

2 Base coat: **Resuflor HB**

1 Primer: **Resuprime™ ST**

0.5mm

BENEFITS

- Electro-Static Dissipative (ESD)
- Lightly textured profile reduces slip potential
- High chemical resistance
- Resistant to many solvents, fuels and Skydrol
- Durable finish
- Satin finish
- UV stable
- Seamless
- Hygienic

USES

- Aircraft hangars
- Aerospace manufacturing
- Automotive manufacturing
- Semiconductor manufacturing
- Electronics manufacturing
- Pharmaceutical manufacturing
- Chemical plants
- Workshops
- Laboratories
- Cleanrooms

FEATURED COLOURS

* Also available in **Safety Red** and **Safety Yellow**.

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	0.3	Squeegee/Roller
Base coat	Resuflor HB	0.5	Squeegee/Roller
Earthing	Copper tape tail		
Topcoat	Resutile™ SDS	0.1	Roller
Approximate thickness: 0.5mm			

TYPICAL CURE TIMES

Temperature	10°C	20°C	30°C
Foot traffic	24 hrs	24 hrs	24 hrs
Full traffic	48 hrs	48 hrs	48 hrs
Full chemical cure	14 days	14 days	14 days

CHEMICAL RESISTANCE

Chemical	7 days exposure
Hydrochloric Acid 30%	No change
Acetic Acid 10%	No change
Citric Acid 10%	No change
Oleic Acid	No change
Sodium Hydroxide 50%	No change
Ethylene Glycol (Antifreeze)	No change
JP-4 Jet Fuel	No change
Skydrol 500B	No change
Skydrol LD4	No change
Sodium Chloride 20%	No change

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060	CS-17 wheel, 1000gm load, 1000 cycles – 38 mg loss
Compressive strength	BS EN ISO 604:2003	9.6 MPa
Tensile strength	BS EN ISO 527 - 2:2012	3.6 MPa
Flexural strength	ISO 178:2010	3.2 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 60°C	
Chemical resistance	Excellent	
Reaction to fire	BS EN 13501 - 1:2018	B_{fl} – s1
Resistance to ground	BS EN 61340-4-5:2018	Rg < 1 x 10^9 Ω & absolute value of body voltage 100 V
Slip resistance	BS EN 16165:2021	Wet 15, Dry 89

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.

resinflooring.sherwin.eu

FIND YOUR LOCAL CONTACT

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