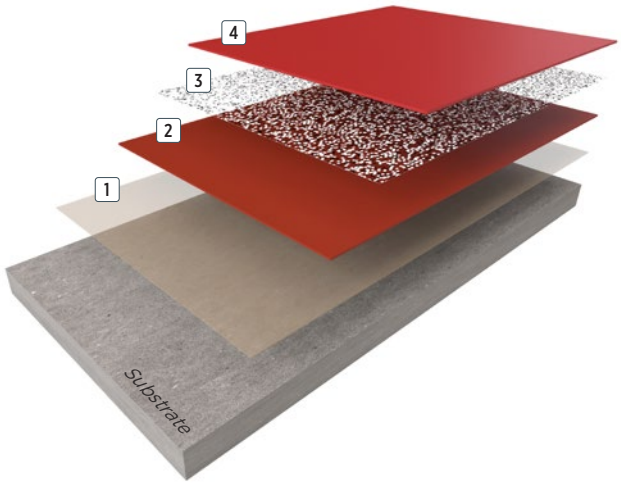
RESUFLOR™ TOPFLOOR SL SR1

Resuflor Topfloor SL SR1 includes a self-levelling epoxy resin broadcast with a fine quartz sand and sealed with a high-build epoxy coating. The system provides a slip-resistant, gloss finish which is resistant to chemical attack and abrasion. The system is well suited to a variety of industrial and commercial uses.



4 Topcoat: **Resuflor HB Coloured**

3 Broadcast: **0.3 - 0.5mm quartz sand**

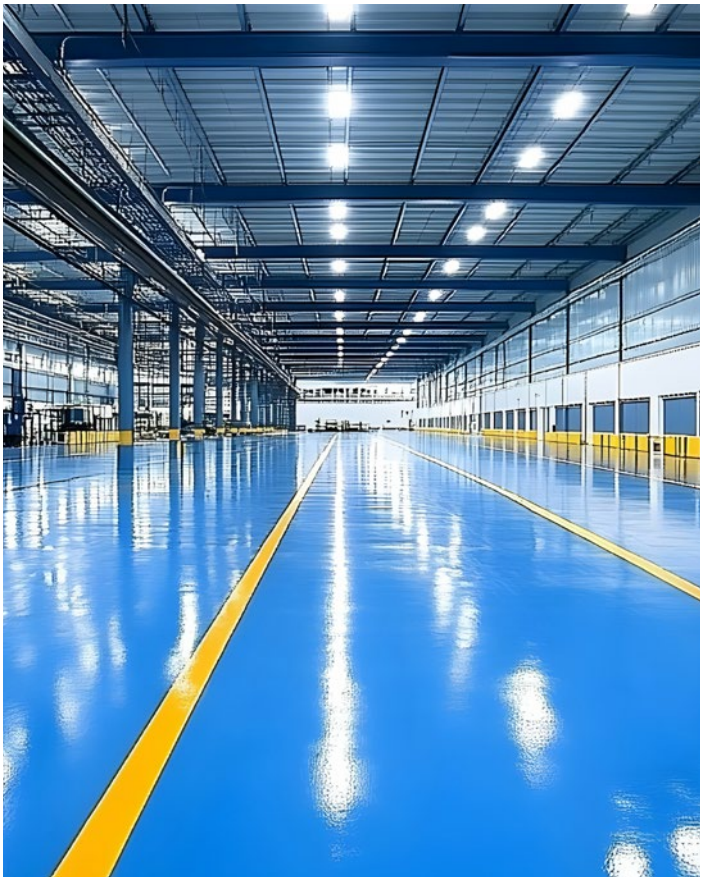
2 Base: **Resuflor SLX**

1 Primer: **Resuprime ST**

3mm

BENEFITS

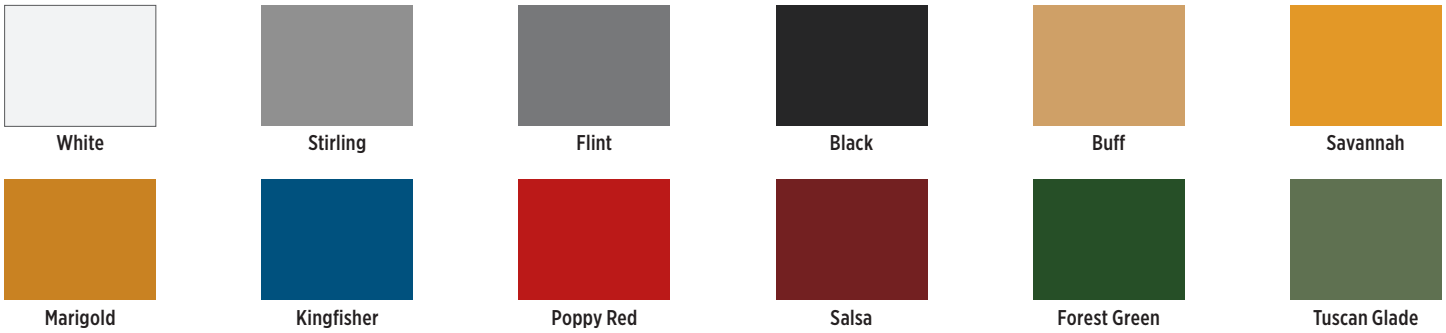
- Slip-resistant
- Gloss finish
- Reflective finish
- Hard wearing
- Hygienic
- Good chemical resistance
- Good colour stability
- Low odour
- Seamless
- Impermeable
- Available in a wide range of colours



USES

- Automotive manufacturing
- Automotive workshops
- Pharmaceutical manufacturing
- Aerospace manufacturing
- Hangars
- Engineering workshops
- Paper manufacturing
- Heavy manufacturing
- Warehouses
- Commercial premises
- Corridors
- Data centres
- Prisons
- Custodial suites

FEATURED COLOURS (also available in a range of RAL colours)



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	Resuflor SLX	5.7	Trowel / Spiked roller
Broadcast	0.3 - 0.5mm quartz sand	6	Broadcast
Topcoat	Resuflor HB Coloured	0.3	Squeegee / 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	48 - 72 hrs	24 - 36 hrs	16 - 24 hrs
Full chemical cure	10 days	7 days	5 days

CHEMICAL RESISTANCE

Chemical	3 days exposure
Hyjet	No change
Skydrol	No change
Toluene	No change
Ethanol	No change
Methyl Ethyl Ketone (MEK)	No change
Acetone	No change
Potassium Hydroxide 20%	No change
Sodium Hydroxide 20%	No change
Potassium Chloride	No change
Sodium Chloride	No change

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060	CS-17 wheel, 1000gm load, 1000 cycles – 140 mg loss
Compressive strength	BS EN ISO 604:2003	9.6 MPa
Tensile strength	3.6 N/mm²	
Flexural strength	BS EN 13892-2:2002)	3.2 MPa
Bond strength	BS EN 13892 - 8:2002	>3 N/mm² (substrate failure)
Impact resistance	BS EN 1504-2:2004	Class II
Temperature resistance	Tolerant of temperatures up to 60°C	
Chemical resistance	Good	
Reaction to fire	BS EN 13501 - 1:2018	B_{fl}-s1
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.

resinflooring.sherwin.eu

FIND YOUR LOCAL CONTACT

02.25 HPF0092/01