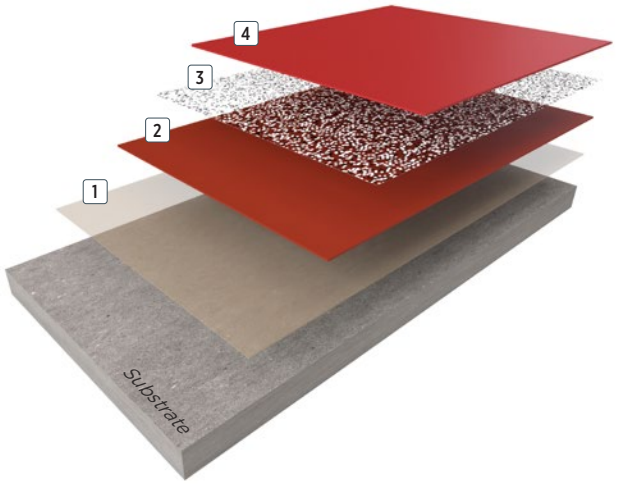
RESUFLOR™ TOPCOAT SR1

Resuflor Topcoat SR1 is a lightly textured, slip-resistant epoxy resin coating system. Applied by squeegee and roller the system produces a durable, seamless and hygienic floor finish. A gloss finish with low odour suitable for many industrial and commercial applications where a hard wearing floor coating is required.



4 Topcoat: **Resuflor HB Coloured**

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

2 Base coat: **Resuflor HB**

1 Primer: **Resuprime™ ST**

1mm

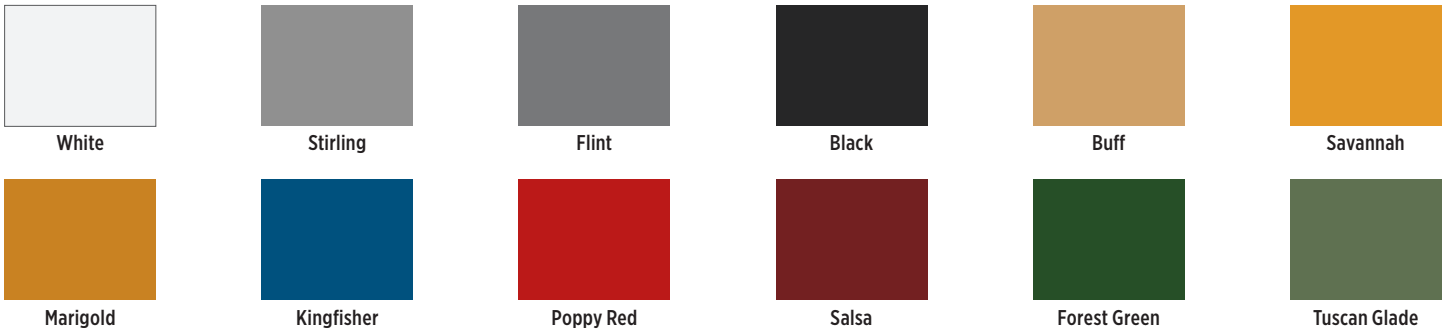
BENEFITS

- Gloss finish
- Slip resistant
- Good chemical resistance
- Hygienic and easily cleaned
- Good colour stability
- Low odour
- Easy application
- Seamless
- Ease of decontamination
- Available in a wide range of colours

USES

- Automotive workshops
- Automotive manufacturing
- Plant rooms
- Engineering workshops
- Aerospace manufacturing
- Hangars
- Paper manufacturing
- Heavy manufacturing
- Warehouses
- Distribution centres
- Nuclear facilities
- Commercial premises
- Data centres
- Pharmaceutical manufacturing
- Excellent for demarcation and walkways

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	0.30	Squeegee / roller
Base coat	Resuflor HB	0.50	Squeegee / roller
Broadcast	0.3 - 0.5mm Quartz sand	0.5	Scatter
Topcoat	Resuflor HB Coloured	0.30	Squeegee / roller
Approximate thickness: 1mm			

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 - 14	140.1 mg loss per 1000 cycles
Compressive strength	BS EN ISO 604:2003	9.6 MPa
Tensile strength	BS EN ISO 527 - 2:2012	3.6 MPa
Flexural strength	BS EN ISO 178:2010+A1:2013	3.2 N/mm²
Bond strength	BS EN 13892 - 8:2002	>3 N/mm² (substrate failure)
Temperature resistance	Temperatures up to 60°C	
Chemical resistance	Good	
Reaction to fire	BS EN 13501-1:2018	B_{fl} – s1
Slip resistance	BS 7976 - 2:2002+A1:2013	>36
FeRFA category	3	

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

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