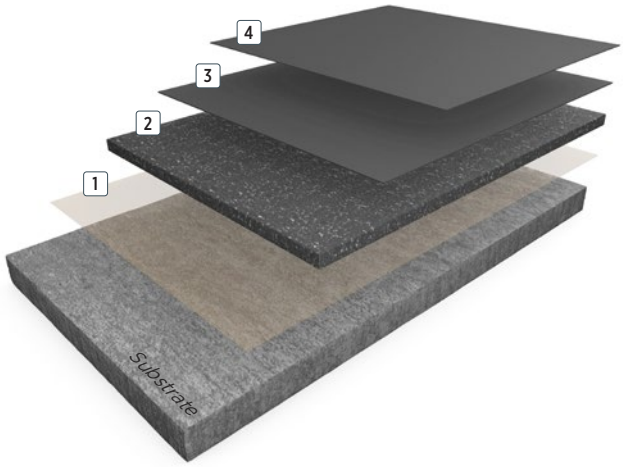
RESUFLOR™ INDUSTRY

Resuflor Industry is a heavy duty epoxy screed system for industrial floors that require a high compressive strength. A seamless, gloss floor is achieved which withstands heavy traffic and high point loads. The system is typically applied between 4-6mm thickness and coated with two high-build epoxy seal coats to provide a reflective, durable and easy to clean finish.



4 Seal coat: **Resuflor HB**

3 Topcoat: **Resuflor HB**

2 Screed: **Resuflor Screed**

1 Primer: **Resuprime™ ST**

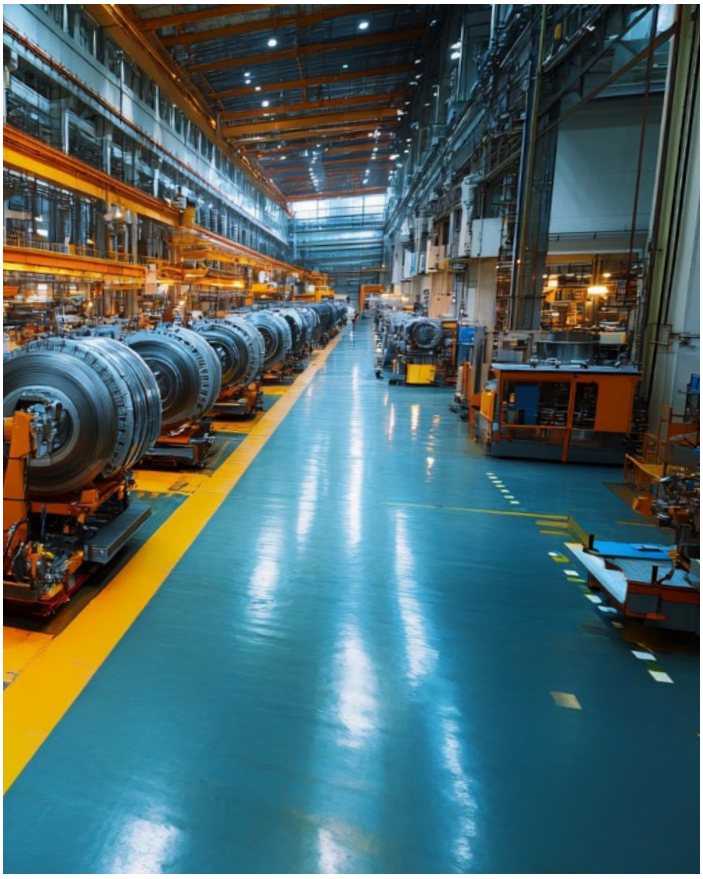
4 - 6mm

BENEFITS

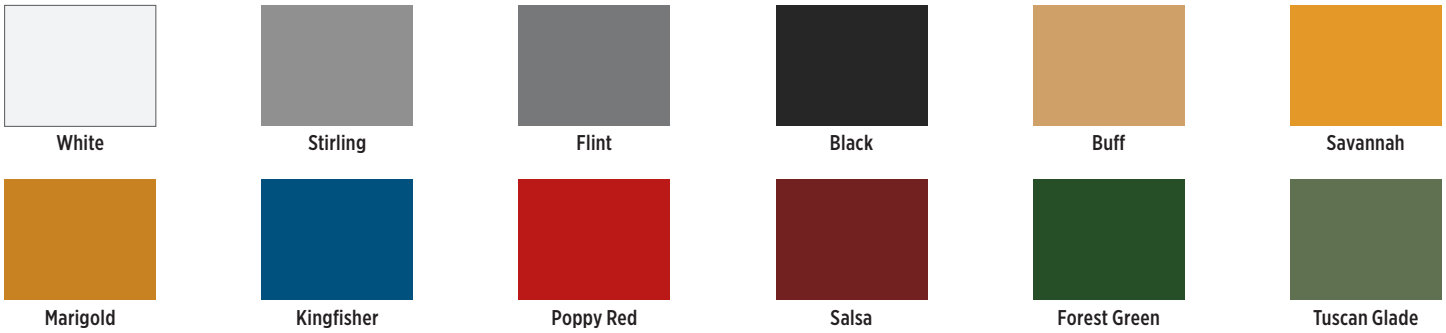
- High compressive strength
- Withstands high point loads
- Very tough and durable
- Gloss finish
- Low odour
- Excellent impact and abrasion resistance
- Good chemical resistance
- Seamless floor to coving finish possible
- Silica free
- Available in a wide range of colours

USES

- Heavy manufacturing
- Heavy use warehouses
- Military facilities
- Pharmaceutical manufacturing
- Aerospace manufacturing
- Automotive manufacturing
- Laboratories
- Industrial workshops
- Distribution centres
- Prisons
- Police cells



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	Trowel / squeegee
Screed	Resuflor Screed	8 - 12	Trowel
Topcoat	Resuflor HB	0.50	Squeegee / roller
Seal coat	Resuflor HB	0.20	Squeegee / roller
Approximate thickness: 4-6mm			

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	24 - 36 hrs	24 - 48 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	BS EN 13892-4:2002	0.5
Compressive strength	BS EN 13892-2:2002	63 N/mm²
Tensile strength	BS 6319-7:1985	8.6 N/mm²
Flexural strength	BS EN 13892-2:2002	0.8 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	
Reaction to fire	BS EN 13501-1:2018	B_{fl} – s1
FeRFA category	6	

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 HPF0086/01