

RESUFLOOR™ INDUSTRY SR NL

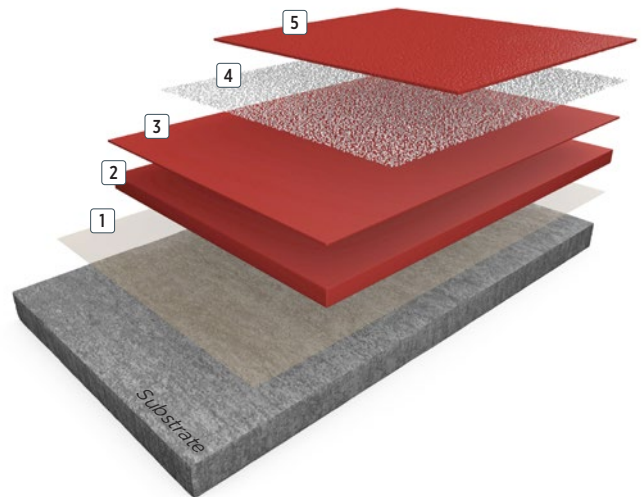
Resufloor Industry SR NL is a heavy duty epoxy screed system for industrial floors that require high chemical resistance combined with high compressive strength. The system is typically applied between 4-6mm thickness and finished with a highly chemical resistant topcoat.

BENEFITS

- Can be applied by power trowel for fast installation
- High compressive strength
- Withstands high point loads
- Slip resistant
- Tough and durable
- Gloss finish
- Low odour
- High impact and abrasion resistance
- High chemical resistance
- Seamless floor to coving finish possible
- Silica free
- Available in a range of colours

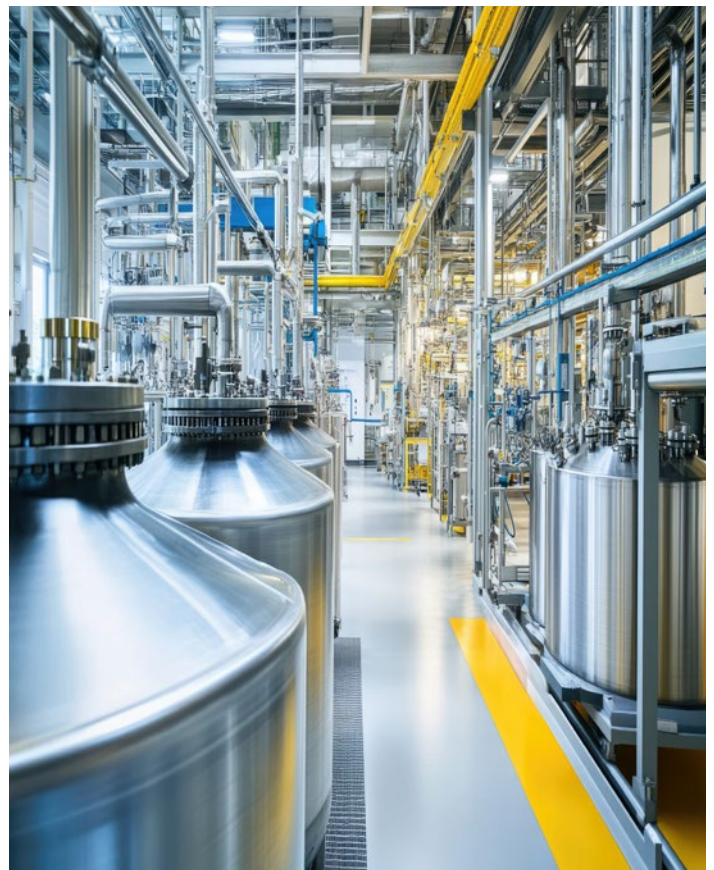
USES

- Chemical manufacturing
- High traffic warehouses
- Pharmaceutical manufacturing
- Laboratories
- Industrial workshops



- 4 Seal coat: **Resufloor NL**
- 4 Broadcast: **0.5mm Aluminium Oxide**
- 3 Topcoat: **Resufloor HB Coloured**
- 2 Screed: **Resufloor Screed**
- 1 Primer: **Resuprime™ ST**

4 - 6mm



FEATURED 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/m ²	Application
Primer	Resuprime™ ST	0.3	Trowel / squeegee
Screed	Resufloor Screed	8.8 - 13.2	Trowel
Topcoat	Resufloor HB Coloured	0.50	Squeegee / roller
Broadcast	0.5mm Aluminium Oxide	3kg	Broadcast
Seal coat	Resufloor NL	0.20	Squeegee / roller

Approximate thickness: 4-6mm

TYPICAL CURE TIMES

Temperature	10°C	20°C	30°C
Foot traffic	24 - 36 hrs	18 - 24 hrs	12 - 18 hrs
Full traffic	72 - 96 hrs	48 - 72 hrs	36 - 48 hrs
Full chemical cure	10 - 12 days	7 days	5 days

CHEMICAL RESISTANCE

Chemical	7 days exposure
Aluminium Chloride 30%	No change
Aluminium sulfate 50%	No change
Citric Acid 40%	No change
Lactic Acid 5%	No change
Lard	No change
Corn Oil	No change
Aviation Fuel	No change
Kerosene	No change
Methyl Ethyl Ketone MEK	No change
Mineral Oil	No change

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060-14	CS-17 wheel, 1000gm load, 1000 cycles - 55 mg loss
Compressive strength	BS EN 13892-2:2002	63 N/mm ²
Tensile strength	BS 6319-7:1985	8.6 N/mm ²
Flexural strength	BS EN 13892-2:2002	0.8 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 60°C	
Chemical resistance	Excellent	
Reaction to fire	BS EN 13501-1:2018	B _{fl} - s1

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.

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