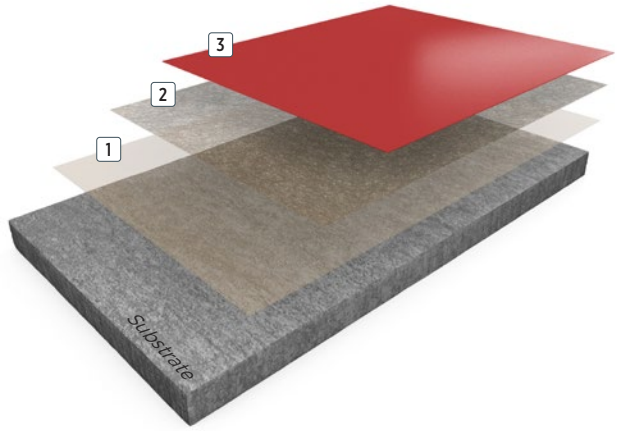
CONTROLTECH™ N-LR

ControlTech N-LR is a highly chemical resistant resin system with a smooth finish. The system provides a durable finish perfect to protect against a wide variety of chemicals in concrete secondary containment and process areas.

The glass fibre reinforcement improves tolerance to cracks and offers increased resistance to thermal shock.



3 Topcoat: **Resuflor™ NL**

2 Saturant & Reinforcement: **Resuprime™ ST**
(with saturated 450gm² glass fibre chopped strand matting)

1 Primer: **Resuprime™ ST** or **Resuprime MVT**

* Optional broadcast with 0.3-0.8mm quartz sand for a slip resistant profile

1500µm (1.5mm)

BENEFITS

- Excellent chemical resistance
- Thermal shock resistant
- Gloss finish
- Smooth finish
- Easily cleaned
- Seamless
- Available in a range of colours

USES

- Refinery bund areas
- Terminal tank farms
- Loading areas
- Pharmaceutical manufacturing
- Chemical plants
- Food and beverage manufacturing
- Data centres
- Semiconductor manufacturing
- Industrial manufacturing

FEATURED COLOURS

Mid Grey | Marigold | Black

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.

SYSTEM COMPOSITION

Coat	Product options	Theoretical consumption kg/m²	Application
Primer	Resuprime™ ST*	0.3	Squeegee/roller
Saturant	Resuprime ST	0.85	Squeegee/roller
Reinforcement	450gm² CSM	0.45	
Topcoat	Resuflor™ NL	0.33	Squeegee/roller
Approximate thickness 1500µm (1.5mm)			

* Where concrete moisture levels are above 75% RH use Resuprime MVT. Please consult product data sheet for consumption rates.

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	Resistant for 72 hours
Sulphuric Acid 25%	No change
Sodium Hydroxide (all concentrations)	No change
Benzene 100%	No change
Ethanol (all concentrations)	No change
Hydrogen sulphide (all concentrations)	No change
Propylene Glycol (all concentrations)	No change
Lactic acid (concentrated)	No change
Adblue	No change
Diesel	No change
Hydrogenated Vegetable Oil (HVO)	No change

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060 CS 17 1kg load 1000 cycles	55 mg
Bond strength	BS EN 13892 - 8:2002	>3 N/mm² (substrate failure)
Impact resistance	BS EN 1504-2:2004	Class II

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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