

CONTROLTECH™ E-HB

ControlTech E-HB is a multi-layered, 100% solids high-performance epoxy lining system for the protection of concrete secondary containment or process areas.

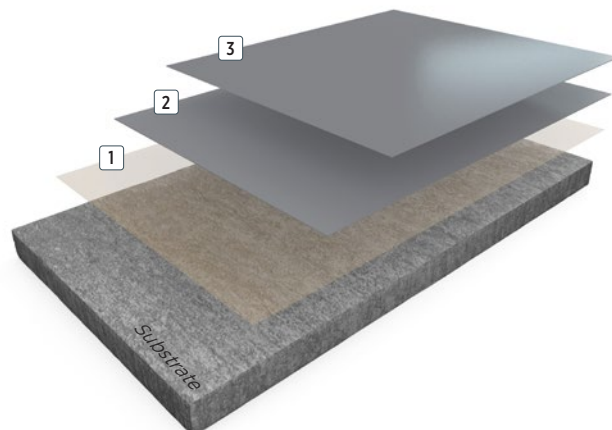
This durable lining system is resistant to staining and chemical attack from common chemical solutions.

BENEFITS

- Good chemical resistance
- 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



3 Topcoat: **Resuflor™ HB**

2 Basecoat: **Resuflor HB**

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

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

600µm (0.6mm)



FEATURED COLOURS



Flint



Salsa



Forest Green

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/m ²	Application
Primer	Resuprime™ ST	0.3	Squeegee/roller
Basecoat	Resuflor™ HB	0.4	Squeegee/roller
Topcoat	Resuflor HB	0.4	Squeegee/roller
Approximate thickness 600µm (0.6mm)			

* 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	12 - 16 hrs	8 - 10 hrs
Full traffic	72 - 96 hrs	48 - 72 hrs	24 - 36 hrs
Full chemical cure	10 - 12 days	7 - 10 days	5 days

CHEMICAL RESISTANCE

Chemical	Resistant for 72 hours
Xylene	No change
Ethanol	No change
MEK	No change
Sodium Hydroxide 20%	No change
Aviation Fuel	No change
Aromatic Hydrocarbons	No change
Skydrol	No change
Potassium chloride (all concentrations)	No change
Formaldehyde 40%	No change
Crude Oil	No change

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060 CS 17 1kg load 1000 cycles	140 mg
Bond strength	BS EN 13892 - 8:2002	>3 N/mm ² (substrate failure)
Impact resistance	BS EN 1504-2:2004	Class II
Tensile strength	BS EN ISO 527-2:2012	3.6 MPa
Compressive strength	BS EN ISO 604:2003	9.6 MPa
Ease of decontamination	ISO 8690:1988	Excellent
Reaction to fire	BS EN 13501-1:2018	B _{FL} - s1

THE SHERWIN-WILLIAMS DIFFERENCE

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