

CONTROLTECH™ E-M

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

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

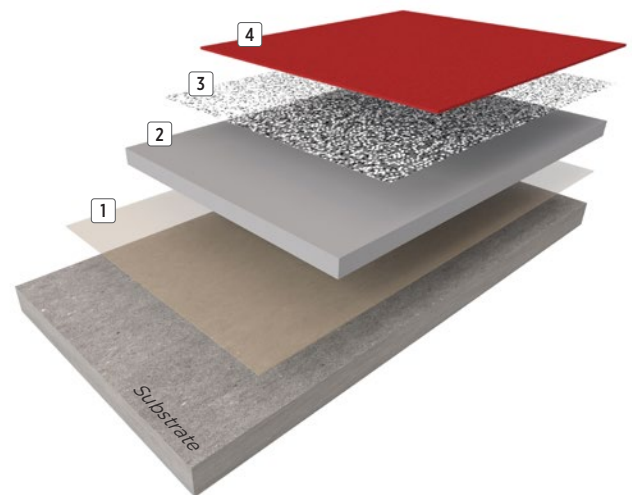
The polyurethane cement base screed offers enhanced protection against thermal shock and heavy loads from trucks, tractors and trailers.

BENEFITS

- Good chemical resistance
- Resistant to heavy traffic
- Gloss finish
- Easily cleaned
- Seamless
- Available in a range of colours

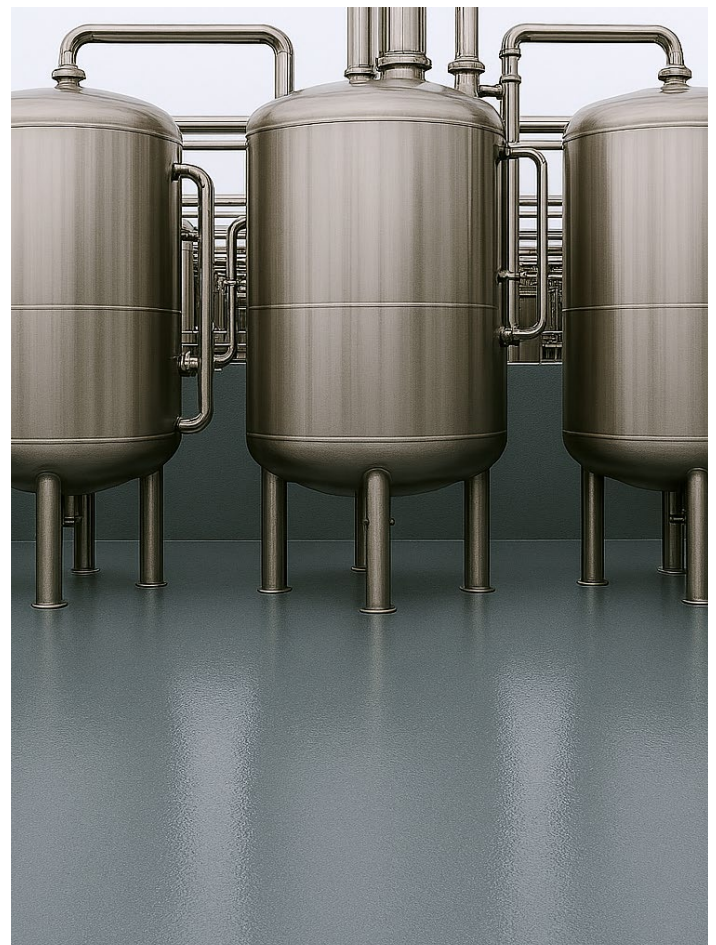
USES

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



- 4 Topcoat: **Resuflor® HB**
- 3 Aggregate: **0.3-0.8mm Quartz sand**
- 2 Screed: **FasTop Multi RS69**
- 1 Primer (optional): **FasTop Multi Primer**

7 or 10mm



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/m²	Application
Primer (optional)	FasTop Multi Primer	0.28	Roller
Screed	FasTop Multi RS69	19.33 (at 9mm depth)	Trowel
Aggregate	0.3-0.8mm Quartz sand	1.5	Scatter
Topcoat	Resuflor® HB	0.5	Squeegee / roller
Approximate thickness: 7 or 10mm			

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/mm²
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.

