



Leading Edge

Protecting Your Business for a More Sustainable Future

HOTSHOT & SAME DAY DELIVERY
OPTIONS AVAILABLE!

CALL 248-735-7000

MAY 2026

Concrete Repairs for Refineries & Terminals



In refineries and terminals, concrete takes a beating. Truck islands, unloading areas, and containment-adjacent surfaces are constantly exposed to traffic, impact, chemical splash, and wear. Over time, that damage can turn into safety hazards, surface failure, and costly repair needs.



Recently we had a client that had a badly damaged concrete truck island in a large truck unloading area. The goal was to fully repair the surface, protect it from diesel fuel attack, and leave the area with a slip-resistant finish.

Instead of replacing the structure, the repair approach focused on restoring and protecting the existing concrete. Damaged concrete was rebuilt with Resichem 576 Quartz Screed, a solvent-free epoxy resurfacing product. The surface was then primed with Resichem 503 SPEG and coated with Resichem 511 UCEN in two coats to provide chemical and corrosion resistance. To improve footing in critical areas, USI Granular Aggregate LD was back-rolled into the top layer creating a slip-resistant surface. The corroded metal associated with the area was also blasted and primed with Resichem 506 AluPrime.



For refinery and terminal operations, this kind of system offers several important benefits:

- Repairs damaged concrete without full replacement
- Helps protect surfaces from diesel and chemical exposure
- Improves durability in high-traffic unloading areas
- Adds slip resistance where safety matters most
- Supports longer service life for critical concrete assets

Resichem 576 Quartz Screed

Robust and Durable:

- Engineered to provide high strength and wear resistance.



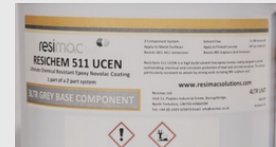
Heavy Traffic Capable:

- Designed for heavy traffic, ensuring longevity under stress.

Versatile Applications:

- An excellent choice for coating concrete floors and addressing issues with problematic cementitious surfaces. It is particularly beneficial in industrial warehouses, manufacturing facilities, offices, and laboratories.

Resichem 511 UCEN



High-performance, solvent-free epoxy novolac coating, engineered to deliver exceptional chemical and corrosion protection for both steel and concrete structures. Resistant to strong acids, including 98% sulfuric acid.

Resichem 506 AluPrime

Epoxy coating designed for the long term protection of steel and concrete structures against corrosion.



Typical applications: Cold water lines, pipework, structural steel, sheet/ bearing piles, external tank surfaces.

Need help evaluating a damaged concrete area?

Contact us today **248-735-7000** to speak to one of our experts!

DATES TO REMEMBER

MAY 7
Indiana Corrosion Society Meeting

MAY 12-14
AUCSC Morgantown

MAY 20
#USI TechTalk
Concrete Repair Systems

MAY 21
AMPP Great Lakes Meeting
@ Niles Industrial- Fenton

MAY 29
USI Customer Appreciation
Golf Outing - Ohio

JUNE 12
USI Customer Appreciation
Golf Outing - Michigan

**JOIN OUR NEXT
#TECHTALK**

**May 20, 2026
11:45am-12:00pm**



CONCRETE REPAIR SYSTEMS



Unconventional Solutions, Inc.
Repair - Protect - Upgrade

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