

Truck Island Concrete Repair and Protection



PROBLEM

The photographs show the badly damaged concrete surfaces of a truck island which is part of this refinery's large truck unloading area.

The project requirement was to completely repair the concrete island and coat the surface to provide protection against chemical attack of diesel fuel.

The end goal was to provide the island with a slip-resistant surface.

SUBSTRATE

Concrete

PRODUCTS USED

[Resichem 506 AluPrime](#)

[Resichem 576 Quartz Screed](#)

[Resichem 503 SPEP](#)

[Resichem 511 UCEN](#)

[USI Granular Aggregate LD](#)

SOLUTION

The corroded metal was blasted and primed with [Resichem 506 AluPrime](#).

The damaged concrete was repaired using our solvent-free epoxy resurfacing product, [Resichem 576 Quartz Screed](#).

Then the entire concrete surface was prime with [Resichem 503 SPEP](#).

[Resichem 511 UCEN](#) was then applied in two coats over both surfaces to provide outstanding chemical, and corrosion resistance.

[USI Granular Aggregate LD](#) was back-rolled into the top layer of [Resichem 511 UCEN](#) on the edges of the truck islands and the areas adjacent to the islands to provide a slip-resistant surface.