

Concrete Repair and Overcoat



PROBLEM

Due to hydrochloric acid in the environment, the concrete piers of this pickling line were severely corroded and had started to crumble. This posed a great threat to the safety of the integrated steel plant, as the piers reinforced the structural steel holding the walls and roof of the building up.

SUBSTRATE

Concrete

PRODUCTS USED

RESICHEM 570 Concrete Patch XF

RESICHEM 503 SPEP

RESICHEM 501 CRSG

SOLUTION

The concrete piers were first surface prepped using the SSPC-3 standard with power tools to remove loose and damaged concrete.

They were then repaired and coated with RESICHEM 503 SPEP and Resichem 501 CRSG at a thickness of 50 mils. While this was a recent repair and protection of USI's, similar solutions have lasted for years.