



Project Profile Tipping Room Floor



The Problem

The tipping room floor of this 4-year-old, 1,200 ton-a-day transfer station has had over 6" of its concrete floor eroded by front end loader traffic. The exposed rebar caused damage to the tires, while open joints allowed leachate and other liquids to permeate the substrate.

The client requested a long-term solution to be completed over a weekend, versus the 28 day cure time of pouring conventional concrete.

The Solution

The entire 1,600 square foot area was cleaned, steamed, degreased and the salts chemically removed. The exposed rebar was protected by **Corro-Tech GP**, which provides an anti-corrosive, long-term protection to existing steel structures.

The area was filled and leveled to its original height using **Floor-Tech RS**. This 100% solids epoxy has a compression strength of 12,500 psi and is extremely resistant to a wide array of chemicals.

This procedure was completed over a weekend and eliminated the plants' downtime.

