

CASE HISTORY

Legion Lighting

The Challenge: The badly deteriorated condition of the concrete directly resulted in the delay of raw materials being supplied to the appropriate parts of the facility. The laborious and time consuming method of transporting the heavy pallet loads of raw materials around the plant were inhibiting production. As a result, fork trucks were operating under desired capacity, hand carts virtually impossible to move manually without substantial assistance and area maintenance was extraordinarily difficult.



The Solution: ESPOSITO LLC was chosen to correct the badly damaged concrete. ESPOSITO LLC removed all of the concrete in the two entry docks that had compressive concrete fractures and replaced it with 4000 PSI commercial grade concrete, re-enforced with anti-corrosive re-bar keyed into the existing concrete substrate. Using a closed system shot blast machine, ESPOSITO LLC then mechanically prepared the substrate.



After the floor is shot blasted, the primer coat is applied. Then a 1/4"- high density epoxy floor mortar is installed. All areas of the newly installed concrete and interior drains are coated.



The floor system is then prepared for the final finish coat application. The result was a durable, abrasion resistant floor system, requiring minimal maintenance and enabling the customer a smooth and profitable production schedule.