

CASE HISTORY

REPLACING A FAILED FLOORING SYSTEM IN A FOOD PROCESSING FACILITY

HYGIENIC URETHANE CEMENT INSTALLATION COMPLETED UNDER SCHEDULE PRESSURE TO SUPPORT FACILITY START-UP

PROJECT OVERVIEW

California Concrete Coatings was contacted by a food processing facility after mid-way through a newly installed flooring system began to fail prematurely. The original contractor applied a coating system without proper surface preparation, resulting in widespread bond failure, cracking, and delamination. The deteriorating floor created safety concerns and posed potential risks to sanitation standards and audit readiness.

CHALLENGE

In addition to resolving the failed flooring installation, the facility owner faced a critical timeline. The flooring replacement represented the final construction phase required before production equipment could be installed and operations could begin. The client needed a contractor capable of delivering a compliant, hygienic flooring system within a compressed schedule while restoring confidence after their previous experience.



SOLUTION

After conducting a detailed site evaluation, California Concrete Coatings recommended full removal of the failed flooring system followed by aggressive mechanical surface preparation to achieve the required concrete surface profile. Working closely with a high-performance flooring manufacturer, a seamless urethane cement flooring system was designed to withstand washdowns, chemical exposure, and heavy operational traffic.

EXECUTION

California Concrete Coatings mobilized quickly to support the project schedule and coordinated installation activities to minimize delays to the facility start-up timeline. The scope included full removal of the failed flooring system, aggressive mechanical surface preparation using shot blasting equipment to achieve the required concrete surface profile, and installation of a multi-layer urethane cement flooring system with slip-resistant aggregate broadcast. Open communication was maintained throughout the project, allowing the client to observe key installation steps and gain confidence in the process.

RESULT

The completed flooring system enabled the client to move forward with equipment installation and begin operations on schedule. The new hygienic flooring surface improved durability, supported food safety compliance, enhanced slip resistance, and provided long-term performance suited for demanding washdown and production environments.

