



CASE HISTORY

HEAVY-DUTY EPOXY FLOORING INSTALLATION FOR MUNICIPAL WORKSHOP

**MULTI-LAYER AGGREGATE BROADCAST SYSTEM IMPROVES
DURABILITY, SAFETY, AND LONG-TERM MAINTENANCE
PERFORMANCE**

PROJECT OVERVIEW

California Concrete Coatings was selected to install a durable industrial flooring system for a municipal water and sanitation department workshop undergoing renovation. The facility required a high-performance floor capable of supporting heavy equipment use, service vehicle traffic, and daily maintenance operations.

CHALLENGE

Previous flooring installations at the site had experienced premature wear and performance issues, leading the client to seek a more reliable long-term solution. The project required identifying a flooring system that could meet budget constraints while delivering improved durability, safety, and resistance to chemical and mechanical wear. The existing bare concrete slab was heavily stained and also presented potential moisture concerns that needed to be addressed prior to installation.



SOLUTION

Working with the flooring manufacturer's technical team, California Concrete Coatings designed a multi-layer aggregate broadcast epoxy system suitable for heavy-duty shop environments. The system included installation of a moisture-mitigating primer, multiple epoxy build coats with silica sand broadcast to achieve slip resistance and system thickness, and high-performance chemical-resistant satin topcoats. Safety zones and pedestrian pathways were clearly defined using durable line striping to improve workplace organization and safety.

EXECUTION

The installation was completed within the planned schedule and budget. Throughout the project, the client was educated on the importance of proper surface preparation, system layering, and long-term maintenance considerations associated with industrial flooring performance.

RESULT

The completed flooring system provided a durable, slip-resistant, and low-maintenance workshop surface designed to withstand heavy operational demands. The successful project helped establish California Concrete Coatings as a trusted and preferred flooring contractor for future facility improvements.

