



case study

A Slick Wash Bay Area In An Oil Manufacturing Plant Required Epoxy For Walls & Floorings

Project Overview

Like many food and beverage manufacturing plants, the wash bay in Catania-Spagna's 100,000 sqft plant plays an integral role on the production floor. With heavy foot traffic and around the clock use, the company needed better flooring and to reduce upkeep. Recognizing Black Bear's portfolio of successful solutions for manufacturing spaces, and knowledge of rigid health code and regulatory standards, they sought out services to value engineer a better system that offered easier maintenance and a higher degree of durability.

The Process

- STEP 1: Shot blast and grind to prepare for floor renovation
- STEP 2: Install epoxy using Poly-Crete SLB
- STEP 3: Apply topcoat of ColorFast
- STEP 4: Install Durawall system and CMU Block for Epoxy walls

Project Details

- Project Name – Catania Spagna: Wash Bay
- Type of Business – Food and Beverage Manufacturing
- Location – Ayer, Massachusetts
- Size/Square Footage –1,100 sqft space
- Timeframe – 2 days
- Products – Poly-Crete SLB, Color-Fast, Durawall System and CMU Block

Challenges

The native, wet conditions of the wash bay posed challenges for the Black Bear team when applying the epoxy. Given the abbreviated timeframe to complete the wash bay project, the installation needed to be quick and accurate with little margin for error.

Black Bear's Solution

Black Bear assessed the wash bay site and determined that a water resistant system was needed to withstand the run-off from production. The flooring and adjacent walls needed to be easily cleaned and maintained throughout the space, and this would be achieved by installing epoxy throughout. The existing spaces were prepped to accommodate a new, seamless solution.

about the client

What began as a small, door-to-door olive oil business in the early 1900s has become a global food manufacturing company. Catania-Spagna has grown from a few barrels of olive oil to a 100,000 sq.ft. manufacturing plant, and a well-known brand of vegetable and blended oils, as well as bio and sustainable products.



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