



# case study

## Pharmaceutical Manufacturer Required A Level Substrate and Moisture Mitigation System to Stay Compliant

### Project Overview

The general contractor reached out to Black Bear Coatings & Concrete to recoat flooring in need of repair. The original request was a simple topcoat overlay. Upon assessment of both spaces it was revealed that the substrate was uneven and the environment's moisture would need to be addressed or pose a threat to new product. Thus, Black Bear value engineered a more extensive and effective solution.

### The Process

- STEP 1: Level uneven floor using Dur A Flex
- STEP 2: Apply Polycrete SLM at 1/8 of an inch
- STEP 3: Fill with DuraGuard SL at 100 mils
- STEP 4: Apply ArmorTop satin filled with Polyurea Metzger M

### Project Details

- Project Name – Baxalta: Cold Storage and Loading Dock
- General Contractor – Consigli Construction
- Type of Business – Pharmaceutical Manufacturing
- Location – Milford, Massachusetts
- Size/Square Footage –8,300 sqft space
- Timeframe – 10 days (5 days per project)
- Products – Dur A Flex, Polycrete SLM, DuraGuard, Armor Top, Polyurea Metzger M

### Challenges

With tight timelines and two separate jobsites within the facility, the Black Bear crew needed to work swiftly during off hours. Each space presented a unique set of requirements from climate control to the weighted pressure of machinery tread. The coordination of working in shifts meant that while one area's application set the other area was prepped for processing.

### Black Bear's Solution

Black Bear proposed a cost-effective solution that included leveling the unsound existing floors and installing a moisture mitigation system prior to the new product. A seamless, waterproof system was created to provide better protection in both areas of the facility.

## about the client

Baxalta was established in 2015 after parent company Baxter spun off a biopharmaceutical division. They recently were acquired by Shire with the goal of creating the leading global biotechnology company focused on serving patients with rare diseases and other highly specialized conditions.



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