



# case study



## Custom Floor and Pedestrian Walkway Combine Safety, Stability, & Style

### Project Overview

G.C. Bennett Building Corporation, the company hired to renovate the space, reached out to Black Bear Coatings & Concrete with the original intent of recoating an existing floor in SMC Molding's manufacturing facility in Sterling, MA. When Black Bear assessed the current space, it was determined that the existing floor needed to be removed before a more comprehensive solution could be installed. Further discussions with the client revealed a desire to customize the new coating for safety and increased productivity. Black Bear value engineered a new solution that offered SMC Molding a cementitious urethane system with a tailored topcoat to design a walkway for pedestrians on the production floor.

### The Process

- STEP 1: Remove failing VTC floor
- STEP 2: Shot blast remaining mastic
- STEP 3: Install Dur-A-Flex Polycrete SLB Shop Floor
- STEP 4: Apply Armor top coat with grey inset for colored path

### Project Details

- Project Name – SMC Ltd. Floor & Walkways
- Type of Business – Manufacturing
- Location – Sterling, MA
- Size – 5,800 square feet
- Timeframe – 6 Days
- Products – Polycrete SMB Shop Floor, Armor top coat with grey tint

### Challenges

The renovation of the 5,800 sqft manufacturing space was completed in phases over 6 days. An accelerated construction schedule meant that each phase needed to be planned out accordingly to limit downtime and not disrupt production of the active facility

### Black Bear's Solution

The newly installed industrial flooring system offers SMC Molding a self-leveling, durable and longer-lasting product, that contributes to LEED and VOC compliance, and meets ADA, USDA, FDA, CFIA, and OSHA standards.



## about the client

Founded in 1988, SMC Ltd. was built on a vision to provide high quality manufacturing services faster than industry options of the day. This core value of speed-to-market has grown SMC into a globally recognized supplier to the medical device and pharmaceutical industries. SMC offers initial design, tooling, manufacturing, assembly, automation, supply chain management, and kitting/packaging services for medical devices.

The Northeast's leading coatings & concrete company with over 25 years experience. Learn how we can help you.

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