

Purnell Hall

Newark, DE

CONSULTANT– TBS Services, Inc., Haddon Heights, NJ
CONTRACTOR – CRI Restoration, Inc., Collegeville, PA
DISTRIBUTOR – TB Philly, Inc., Phoenixville, PA

**Concrete Repair
and Protective Coatings**
Spring 2012

PROJECT TASK

Repair and recoat various concrete elements while maintaining color consistency.

PROJECT SOLUTION

Use of Conproco's comprehensive concrete repair system.

PRODUCTS

Conpro Set
ECB
Color Coat
Elastideck
Conpro Lastic
Super Color Stain



Top three photographs were taken "during" and the bottom three photographs were taken "after" the work was completed.



PROJECT HISTORY

The University of Delaware's Purnell Hall houses the Alfred Lerner College of Business and Economics. The hall is constructed of brick, with broad concrete accents, and features an entire elevation of balconies.

This phase of construction included concrete accent repairs and application of protective coatings on all concrete elements and decks. Since horizontal, vertical and overhead coatings would be used, it was important that all coatings were accurately color matched.

Any variation in color would be very evident where the balcony elevation and the regular elevations meet and intersect with the balconies' fascia and soffits. CRI Restoration also had to complete the project in a very narrow time frame due to the University's academic calendar. The Conproco system offered CRI the benefit of a single source manufacturer, which streamlined the process.

Concrete accents were repaired using ECB corrosion inhibitor and primer on all exposed rebar.

Hand patching was done with Conpro Set. Conpro Lastic elastomeric coating was then used on all vertical concrete.

Balcony decks were refinished using Elastideck, a flexible cementitious coating. They were then coated with Super Color Stain, which improves dirt and stain resistance. Color Coat, a waterproof lightweight acrylic coating was used on the balcony soffits.