

Wilmington Trust Parking Garage

Wilmington, Delaware

ENGINEER – MacIntosh Engineering, Wilmington, DE
CONTRACTOR – Shared Systems Technology, Thorofare, NJ
DISTRIBUTOR – TB Philly, Inc., Phoenixville, PA

**Concrete Repair
and Protective Coatings**
Summer 2007

PROJECT TASK

Patching of multiple areas including overhead surfaces, horizontal decks and vertical column surfaces.

PROJECT SOLUTION

To repair patches using a single component repair mortar and coat with a protective water repellent.

PRODUCTS

ECB
Conpro Set
Conpro Shield W



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



PROJECT HISTORY

Wilmington, Delaware is a booming financial center. Wilmington is also home and regional headquarters to Wilmington Trust. This project was to repair deteriorating surfaces of the employee-parking garage at Wilmington Trust. The project involved multiple areas of patching including overhead surfaces, horizontal decks and vertical column surfaces.

Conproco ECB was chosen to pre-treat the reinforcing steel as it allowed the repair job to proceed quickly and easily. The contractor, Shared Systems Technology, chose to use Conpro Set for the patching repairs because it could be applied on every surface and shaved to match the existing profile. The contractor used one-sided forms to speed the overhead repairs.

Once the repairs were completed, Conpro Shield W was applied using high-volume, low-pressure sprayers to protect the concrete decks from chloride ion penetration, a common problem in parking garage surfaces.