First Presbyterian Church

Wilmington, NC

CONTRACTOR – Seager Waterproofing, Inc., Greensboro, NC
ENGINEER – Engineered Concepts, Greensboro, NC
DISTRIBUTOR – Guaranteed Supply Co., Greensboro, NC

Stone Repair
and Preservation
Protective Coatings
July 2008 - February 2010

PROJECT TASK
Repair and restore landmark church facade.

PROJECT SOLUTION
Repair and treat precast elements.

PRODUCTS
Conpro Start	Primex
ECB	M3P Stain
Conpro Set	
Plastermix	
K-88 Admix	

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

PROJECT HISTORY

This ICRI prize-winning project demonstrates the value of a collaborative effort between owner, contractor, engineer and material supplier.
The church identified a handful of contractors on the east coast judged to be capable of the project. The project was awarded based on performance criteria not bid price.

The Presbyterian Church restoration showcased the Conproco approach. Many of the precast elements were determined to be at the end of their service life. Rather than replace them, they were treated with Conpro Start, a consolidant, for strengthening.
The areas where corrosion was evident were excavated and ECB anti-corrosion coating for rebar was applied.
Conpro Set was the material of choice for extensive patching. Seager technicians used the capability of Conpro Set, as it allows up to two hours to shave and carve to full effect in recreating missing and damaged elements. All precast surfaces were then coated with Conproco

Plastermix and K-88 Acrylic Admix for additional carbonation mitigation and to provide a uniform surface.

Finally precast elements received a treatment of Primex, a hydrophobic primer coating for M3P, and one coat of M3P, mineral-silicate based paint. M3P was chosen because it does not form a film and therefore will not peel. M3P is a breathable coating, (97% MVT), that resists dirt pick up and staining, as well as being a highly effective water repellent.