

# Palmyra High School Grandstand

**Palmyra, New Jersey**

**ARCHITECT** – Garrison Architects, Bala Cynwyd, PA  
**CONTRACTOR** – Aliano Brothers, Vineland, NJ  
**ENGINEER** – Orndorf & Associates, Inc., Ardmore, PA  
**DISTRIBUTOR** – TB Philly Inc., Phoenixville, PA

**Concrete Repair**  
**Fall 2005 – Summer 2006**

## PROJECT TASK

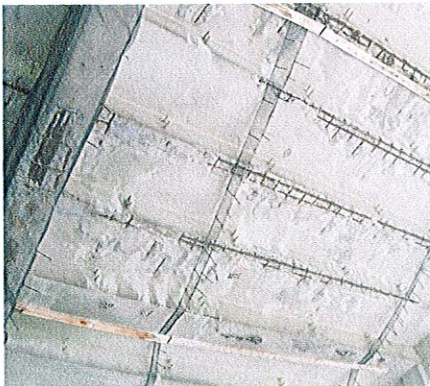
Restore and improve a high school grandstand suffering from exposure and rainwater infiltration.

## PROJECT SOLUTION

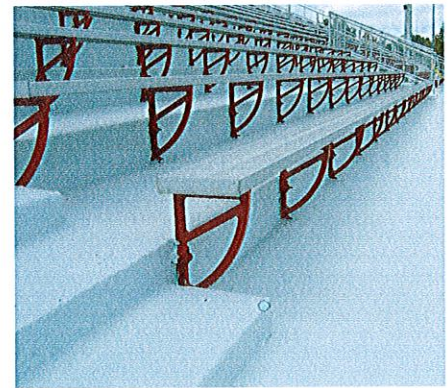
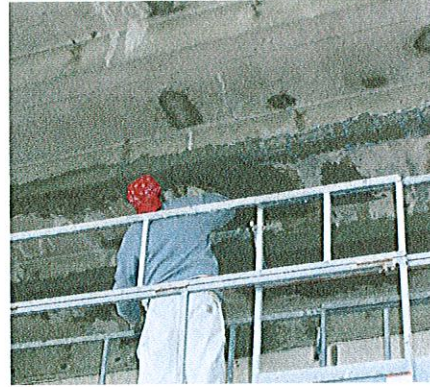
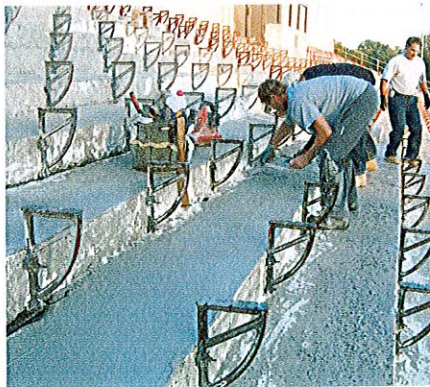
Repair spalled concrete, remove failed coating material, and protect with a flexible, decorative coating.

## PRODUCTS

ECB, Conpro Set  
Conpro One Shot 2C  
Conpro Primer  
Elastideck  
Super Color Stain HR  
Color Coat



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



## PROJECT HISTORY

Nestled in Burlington County, New Jersey, and minutes away from Philadelphia, Pennsylvania, Palmyra High School has a strong tradition for football dating back to 1908. Rainwater infiltration, exposure to the elements, and sealant failure caused severe spalling of the large cast-in-place concrete grandstand. The design team specified Conproco products and systems due to a previous successful restoration of another grandstand.

On the soffit, concrete repairs were performed by hand patching with Conpro Set over rebar treated with ECB. For protection and visual appeal, the base materials were covered with two applications of Conpro Color Coat.

On the deck, surface preparation of the treads and risers by ultra-high-pressure water blasting removed the failed coating. Conpro One Shot 2C was used to refinish the traffic bearing surfaces. Once cured, the treads and risers were protected with Elastideck and Super Color Stain HR.

Conpro Primer was used as a bonding agent for new cast-in-place stairways. In addition to the concrete repair work, the bleachers were reinstalled, and new handrails and perimeter fencing were added.

To the delight of project owners, the refurbished grandstand now displays the proud colors of Palmyra High School.