

Mohegan Sun at Pocono Downs

Wilkes-Barre, Pennsylvania

CONTRACTOR – Caretti, Inc., Camp Hill, PA
DISTRIBUTOR – Berks Products, Temple, PA

Concrete Repair
Protective Coatings
Summer 2006

PROJECT TASK

Prevent water from entering an expensive gaming parlor from the open-air grandstand located above it.

PROJECT SOLUTION

Repair the grandstand and finish with a breathable waterproof coating.

PRODUCTS

ECB, Forment
One Shot Ag
Elastideck
Super Color Stain HR
Structural Skin
Conpro Flex



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



PROJECT HISTORY

Mohegan Sun at Pocono Downs recently became the first Pennsylvania location to offer slot gaming. Approximately 72 million dollars was invested in remodeling the harness racing track's grandstand structure in preparation for opening day. The room under the grandstand was renovated as the new gaming parlor, which required repairing the deck structure and applying waterproof coatings.

The grandstand itself is a combination of two sets of steel treads and risers divided by a wide concrete plaza. The steel treads

and risers were primed with a metal primer and received a Carlisle pedestrian urethane-based deck coating system.

The concrete plaza is a composite deck (concrete poured into a stay-in-place fluted metal pan), so its deck coating system needed to be breathable. The contractor, Caretti, Inc., replaced a number of areas of the metal pan which had rusted after years of water infiltration, then made full-depth repairs using One Shot Ag. An old metal railing was removed, and the edge of the concrete plaza was formed and repaired with Forment. Once repairs were complete,

the Elastideck and Super Color Stain HR system was installed to provide an attractive, breathable, waterproof system.

In the meantime, work progressed on the old scored concrete block rising walls and vomitories. Small scuppers were cut into the walls to allow drainage from the upper grandstand. Some blocks were replaced, and then the Direct RM Conproco Exterior Wall System was installed. The system consists of Conproco Structural Skin applied over expanded wire lath, then finished with Conpro Flex.