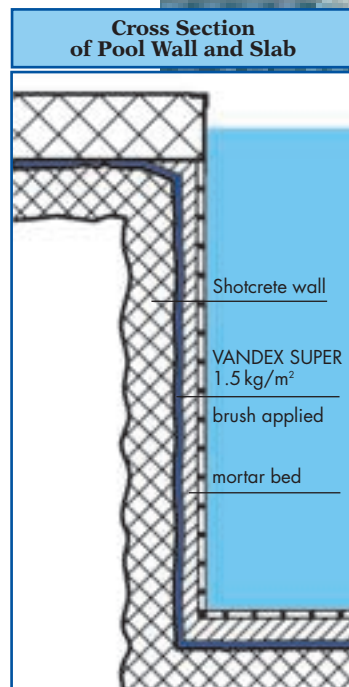


EISENHOWER PARK AQUATIC CENTER, NEW YORK, USA

VANDEX SUPER application



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Athletes from over 60 countries gathered in New York in July, 1998 for the Good Will Games, a politically free athletic competition originated by Ted Turner in 1985. As part of their successful bid, New York State organizers promised to build a world-class facility for swimming and diving events, the new \$30 million Eisenhower Park Aquatic Center. This 7,450 m² (80,000 sq.ft) natatorium contains the largest body of enclosed water in the western hemisphere, a 6 million litres (1.6 million gallon) pool featuring movable bulkheads, a floor that adjusts to different depths, and diving platforms ranging from 1 to 10 meters. It also features permanent and portable seating for more than 3,000 people. In addition to being used for major competitions, the state of the art facility is open to local swimming clubs and the public for recreational and competitive swimming.

Waterproofing was naturally a critical component in the pool construction, and VANDEX SUPER capillary/crystalline waterproofing offered a number of advantages that led to it being chosen over an originally specified elasticized cementitious material.


The pool was constructed with a shotcrete (gunite) shell which

produces a relatively rough surface. A thick set sand cement mortar bed of 4 mm (1 1/2") was therefore required to provide an even surface for the subsequent ceramic tiles. This is a common pool construction method in the United States. VANDEX SUPER was applied between the original gunite shell and the mortar bed, in a "sandwich method", allowing the active Vandex chemicals to penetrate into both the substrate and the mortar. VANDEX SUPER also acted as a bonding agent between the gunite and the mortar bed. One of the biggest advantages of using this approach was that it eliminated any down time between the waterproofing and the mortar bed/tile installation.

VANDEX SUPER was brush applied to the gunite shell at a rate of 1.5 kg/m², and after reaching initial set (approx. 50 minutes) a first layer of the mortar bed was troweled over the fresh VANDEX SUPER. The remaining mortar layer was applied as soon as the next day, followed by the ceramic tiles. The Vandex applicator, Norberto & Sons, Inc., one of the largest pool contractors on the East Coast, was so convinced of this method that they have since used it on another Olympic sized pool in Staten Island.

Owner: Nassau County Department of Recreation and Parks, Nassau County, NY, **Architect:** Richard Dattner Architect P.C., New York, NY, **Pool Consultant:** Counsilman/Hunsaker & Associates, St. Louis, MO, **Vandex Applicator:** Norberto & Sons, Inc., Medford, NY, **General Contractor:** Tishman Construction Corp. of New York, New York, NY

GOODWIL
GAMES POOL
WATERPROOFED
WITH VANDEX
SUPER



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VANDEX SUPER application on walls and base slab.

