



Sacramento Kings - Golden 1 Center

Sacramento, Californian, USA

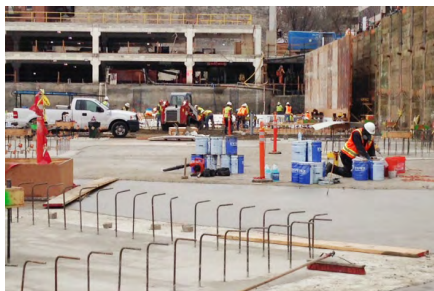


Owner
FULCRUM CAPITAL GROUP

Architect
AECOM

Contractor
TURNER CONSTRUCTION COMPANY

Products
CONCENTRATE, GAMMA CURE



After nearly 20 years of discussions, the NBA Sacramento Kings arena was finally under construction in downtown Sacramento, Calif. Early this year after the initial pour of 300+ foundation piles it was discovered that half of them had filled with 4 in. of groundwater due to extreme hydrostatic pressure resulting partially from the nearby convergence of the Sacramento and the American Rivers. Needing to seal the pile caps, whose size ranged from 5 ft x 8 ft to 15 ft x 20 ft, waterproofing contractor F.D. Thomas sought waterproofing material that could be applied and cured quickly, in order to keep to the schedule and because a storm was coming.

After a site inspection, Colter Jones, Technical Sales Representative for Xypex confirmed that an application of Xypex **Concentrate** applied at 2.0 lb/sq yd followed by a heavy spray of Xypex **Gamma Cure** within four hours would serve as the stand-alone waterproofing mechanism for the pile caps at this critical juncture for water intrusion. After construction manager and general contractor Turner Construction approved the use of Xypex, all the pile caps and the rebars were coated and cured

the same day. A non-toxic, chemical treatment for the waterproofing and protection of concrete, Xypex's primary feature is its unique ability to generate a non-soluble crystalline formation deep within the pores and capillary tracts of the concrete—thus providing a permanent seal against the penetration of water and other liquids.

The very existence of the arena, which has sparked revitalization of downtown Sacramento, is due mostly to the efforts of two determined players. They are the Kings' chairman Vivek Ranadive, who led the investment group that prevented the team's proposed move to Seattle and Sacramento's Mayor Kevin Johnson, who successfully pushed for a \$255 million city subsidy. The \$477 million LEED® NBA Sacramento Kings Sports & Entertainment Arena should be completed by the 2016-2017 basketball season. The Kings will fund the remaining \$222 million.