

Bishop Noland Episcopal Day School Expansion

Lake Charles, LA, USA (2019)

PRODUCT USED:

Krytol Internal Membrane™ (KIM®)

ARCHITECT:

Angelle Architects

ENGINEER:

Cypress Group

GENERAL CONTRACTOR:

Pat Williams Construction

CONCRETE CONTRACTOR:

Double C Concrete Inc.

READY-MIX SUPPLIER:

Dunham Price Group, L.L.C.

DISTRIBUTOR:

M2 Solutions, Inc.

BACKGROUND

For over 66 years, the Bishop Noland Episcopal Day School reliably provided a private schooling experience to students from kindergarten to the eighth grade. While the school had added classrooms and buildings as they needed them during this time, they had never considered fully expanding before. However, it wasn't long before they saw neighboring high schools in the Lake Charles area become overcrowded with students. To help take away from some of that crowding, the Bishop Noland Episcopal Day School bought acreage and created a site plan for a whole new campus in a new location.

This campus would feature both a brand-new junior high school and a senior high school and include academic and enrichment classrooms, common areas, and a full-size competition gym.

Without the proper protection, however, the on-grade concrete slabs and the gym floor of this new campus could be prone to vapor and moisture penetration, which can travel through concrete and make flooring systems de-bond.

SOLUTION

The school had initially considered using a vapor barrier admixture for protection. However, Kryton's distributor in Alabama, M2 Solutions, Inc., offered an alternative: the crystalline waterproofing admixture KIM. With KIM, the school's new concrete slabs would not only get vapor reduction, but they would also be permanently waterproofed and have enhanced durability. It would ensure those areas could block incoming vapor and moisture and self-seal any hairline cracks that might appear. To give the school and students extra peace of mind, the purchase of KIM came with an industry-leading, 25-year limited product warranty with unmatched performance.

