

INDUSTRIAL CASE STUDY

SULTANES DUGOUTS



SITUATION

The Estadio de Beisbol Monterrey is the largest baseball stadium in Mexico. The stadium is home to the Sultanes de Monterrey baseball team, the reigning champions of the Mexican Baseball League. At nearly 30-years old, the stadium was beginning to show some wear and tear - especially in the dugouts. Years of abrasion from cleats and equipment, plus sun and water exposure eventually deteriorated the original dugout flooring. The stadium was equipped with 10mm-thick jigsaw-puzzle-style rubber tiles on the dugout floor and steps. Over time the tiles started to deform representing a safety hazard for the baseball players and stadium staff, not to mention the tiles are no longer aesthetically appealing.

SOLUTION

Estadio de Beisbol Monterrey selected LINE-X for its well-known use of polyurea-based coatings throughout Mexico and around the world. Using a polyurea coating, like LINE-X, delivers exceptional physical and mechanical properties that generate a surface that is resistant to friction and provides a non-slip surface. Mega-Coat, LINE-X's premier certified applicator for construction projects in Mexico, prepped the dugout steps and floor for the LINE-X application. The surface was sanded, cleaned and primed using a proprietary product that seals concrete. CU-970, a castable polyurea was laid as a primary base and helps create a level surface for the LINE-X polyurea. Next, the team applied a LINE-X coating specifically selected for this job: XS-100 with added silica and sand for increased slip-resistance and extended durability against harsh-weather elements.

RESULTS

Mega-Coat and LINE-X drew from their extensive portfolio of products and experience to find the best solution for Sultanes. The new LINE-X coating will resist sun fade, chipping, scratching, moisture and slipping thanks to the added surface texture. The staff at the stadium are pleased with the results so far. The LINE-X coating greatly increases the durability of the dugouts, effectively reducing the need for ongoing maintenance.

"We believe that LINE-X is the most definitive solution given the intense use of the dugout area. I have known about LINE-X for more than 10 years in automotive applications and thought it would work very well for the dugout flooring," said Jesus Granados, project manager for Sultanes Stadium. "We tested the surface - especially its slip-resistant capability with employees of the baseball club - and we've determined it was very safe."

PROJECT OVERVIEW: Stadium Dugout Flooring

PRODUCTS USED: CU-970, LINE-X XS-100



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