



Case Study: Cornell University

Cornell University renovated their gross anatomy classroom floors before the beginning of the 2015 school year. Kevin Bishop from KB Coatings & Contracting, along with Eric Fisher of Milamar, noticed that the new concrete slab had cracked throughout which was going to result in a huge problem for the floor as corrosive conditions were expected. The 2,200 sq. ft. room required a comprehensive coating system to protect it from the conditions it was going to be exposed to.



Prep work for the flooring included shotblasting and diamond grinding. Milamar's M1 MVE, ICO Lastic, Primer LV, Hi-Guard Slurry, and Hi-Guard Coating was the recipe for success for Cornell's flooring system.



Since the concrete was newly poured and "green" M1 MVE moisture mitigation primer was required to prevent any moisture (vapor) issue affecting the flooring system. ICO Lastic was required due to the need for crack filling/bridging material and secondly as a moisture barrier from spills to the floors below. A cant cove was installed to eliminate the joint between the existing tile base and the floor. Along with priming the adjacent wall tiles and floor with Primer LV. Hi-Guard Slurry was installed throughout floor to create a durable, chemical resistant bulking coat and Hi-Guard Coating was applied at 20 mil top coat throughout the area and up the wall tiles to complete the project making it a seamless floor with 6" cove suitable for constant wash-downs. The job took 4 days to complete and was finished before the start of the new school year.