

Case Study: University Shower Room

Cracked, leaky, discolored and downright dangerous ... That's what Dave Backlund, owner of Industrial Coatings, Inc., found when invited to survey the 2nd floor shower room floor at Dakota Wesleyan University in Mitchell, S. Dakota. The ancient tile-over-concrete floor earned a failing grade.



Before: Deteriorated, unsightly 2nd floor shower room tile harbors mold & germs – and leaks water to lower levels.

The Challenges

The shower room was located on the 2nd floor, so it was imperative that the area be waterproof to avoid water leaking through to lower levels. The floor also required skid-resistance that would not be overly abrasive to bare feet – and that would be easy to clean and maintain.

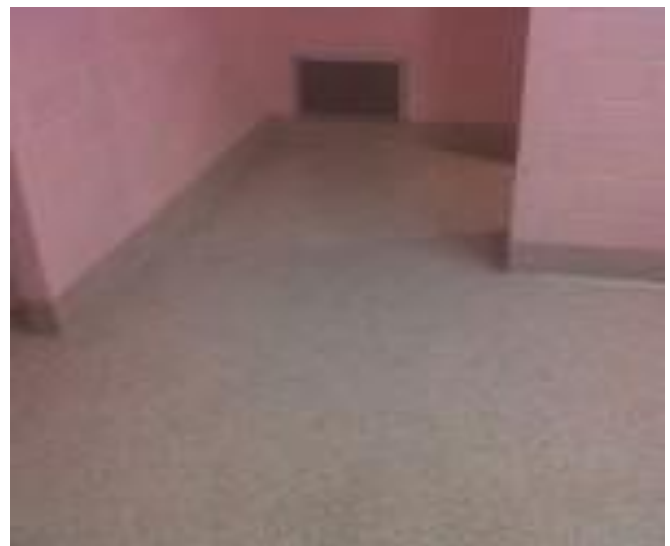
Finally, the entire project – removal of the old mosaic tile, extensive concrete crack repair and patching, installation of a waterproofing membrane and application of the decorative, skid-resistant resinous flooring system, including the tricky curbs and coving – had to be completed in the short one week break between Spring and Summer Semesters – and within budget!

The prep alone, including painstaking tile removal and patching, would take 3 full days.

The Solution

If this sounds like a job for a seasoned professional, you're right. And Backlund was up to the task. He chose from the solvent-free, ultra quick-curing FloroCryl MMA (methyl methacrylate) line of products: FloroCryl Deck waterproofing membrane, FloroCryl tinted basecoat with a full broadcast of decorative colored chips, and FloroCryl Clear finish coat.

FloroCryl MMA (methyl methacrylate) cures within 2 hours in optimal temperatures, is Zero V.O.C. and low emissions. However, like all MMA materials, it does emit odor during the curing process. Since the university was on break and the building was unoccupied, no additional air management was needed.



After: Sanitary, slip-resistant, waterproof floor is beautiful, long-lasting, safe and easy to clean.

The Implementation

After application of the FloroDeck elastomer underlayment, the FloroCryl Chip System, comprised of tinted FloroCryl basecoat application, followed by a full broadcast of a colored chip blend, and topped with clear FloroCryl finish coat, was installed. FloroCryl Build was skillfully applied on the vertical areas, such as the coves and curbs. The beautiful result is what you see in the “after” photos.

The Result

The floor photos speak for themselves: Beautiful, functional, safety-enhanced and waterproof resinous flooring, installed on time and within budget.

This attractive, mildly slip-resistant, high performance FloroCryl Chip Floor will serve for many years to come. We give this job an A+.



After: Gorgeous, functional and safe FloroCryl Chip flooring, skillfully installed by Industrial Coatings, Inc.