

CASE

Coors Field is a 76-acre baseball park located in downtown Denver, Colorado. It is the home field of the Colorado Rockies, the city's Major League Baseball ('MLB') franchise. It is named for the Coors Brewing Company of Golden, Colorado, which purchased the naming rights to the park before its completion in 1995. The Rockies played their first two seasons, 1993 and 1994, in Mile High Stadium before moving to Coors Field. There are 30 MLB fields in the US.

This case study concerns key upgrading of high traffic areas of Coors field which included restroom facilities where tough hygiene and cleaning routines had taken their toll on the conventional surface protective coatings in the 20-plus years of use.

Problem

Of paramount consideration was to upgrade floor surfaces using a coating that met the highest possible green credentials with zero Volatile Organic Compounds and zero toxicity. This was to not only protect the applicators but also the public and staff prior to and after coating completion. The coating must also not in any way force a compromise on hygiene standards by having to use less effective, weaker disinfectants.

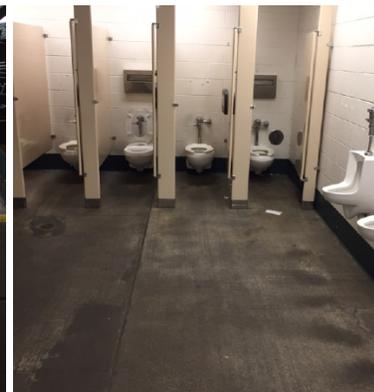
The client also wanted the coating to look good for the fans rather than industrial with no 'smell', tough and a quick turnaround of three days. Years of heavy use had left surface damage and overall dullness, so the coating was also required to self-level and fill in gashes and cracks making them undetectable and protected from further deterioration.

Solution

the Mile High stadium in Denver. More importantly, it has been used to protect many hundreds of frac oil and production water tanks in US oilfields where fracking fluids contain a wide variety of chemicals, many of them extremely corrosive, more so than conventional cleaners and disinfectants.

Of particular note is Ecodur's permanently retained flexibility and ability to re-bond to original Ecodur surfaces if repairs are required. Conventional epoxies micro-crack often within days of application when the substrates, typically steel, is subjected to torqueing, heavy vibrations and even physical impact.

Of direct relevance, is Ecodur's history of use in commercial and private garages, ship decks over 20 years ago, and even as a test strip on a road. It performs exceptionally well in traffic situations whether footfalls or vehicular traffic is heavy. With the client's concern for zero impact in terms of even sm-



all traces of toxic emissions, including that of a cured product, it is notable that Ecodur has an ANSI/NSF-61 rating for contact with drinking water. It also has a Class 'A' flame retardant rating.

Application Results

Preparations to provide a clean and totally dry application surface went as anticipated. The Ecodur was manually applied to a minimum depth of 40-50 mls. The applicators wore standard safety equipment giving them full eye and face protection and all other exposed skin was protected either by coveralls or gloves. Ecodur's phenomenal adhesion qualities – double most conventional epoxies – extends to human skin and tissue making it especially important to wear protective eyewear. The Ecodur was, as instructed, given a decorative finish with a Citadel Clear epoxy that had Colorado Rockies flake colors of white, black and purple flake as can be seen from the photograph.

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