

PROJECT PROFILE



Featured Products

Series 27 F.C. Typoxy

Series 51-792 PVA Sealer

Series 66 Hi-Build Epoxoline

Series 84 Ceramlon ENV

Series 90-97 Tnemec-Zinc

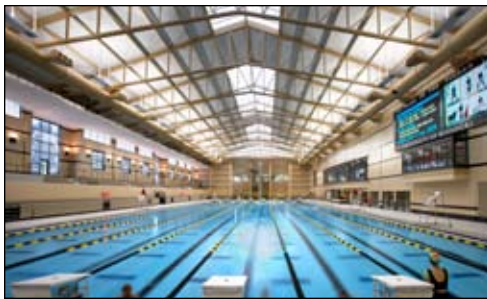
Series 113 H.B. Tnemec-Tufcoat

Series 115 Uni-Bond DF

Series 130 Envirofill

Series 290 CRU

Series 665 Dur A Pell 100



A variety of Tnemec protective coatings were used for the \$43 million Brewer Fieldhouse Expansion and Renovation Project at the University of Missouri.

Brewer Fieldhouse

Originally constructed in 1929, the University of Missouri's Brewer Fieldhouse is deeply rooted in tradition with the students and residents of Columbia, Missouri. So when plans were announced for the \$43 million Brewer Fieldhouse Expansion and Renovation Project, it was no surprise that hundreds of people gathered to witness the groundbreaking in 2003.

"This was a very high profile project for the University of Missouri," recalled Tnemec coating consultant Mike Cerutti. "Following its completion, Brewer Fieldhouse became one of the ten largest higher education recreation facilities in the nation."

The 115,000-square-foot addition included a 50-meter competitive pool with seating for 1,000, a club pool, a high-tech fitness club and a heavy-lifting gym area. For the structural steel in the natatorium area, Series 90-97 Tnemec-Zinc, a moisture-cured, zinc-rich urethane primer, was spray-applied at 2.5 to 3.5 mils DFT. Series 66 Hi-Build Epoxoline, a polyamide epoxy known for its benchmark performance, was chosen as the topcoat at 4.0 to 6.0 mils DFT. Series 115 Uni-Bond DF, a one-coat, corrosion-resistant primer/finish, was spray-applied to the structural steel in the basketball court areas.

Series 130 Envirofill, an exceptional filler for interior porous concrete and CMU, was spray- and roller-applied to the CMU walls in the natatorium area and locker rooms, followed by two coats of Series 84 Ceramlon ENV, a ceramic-like coating providing excellent protection, at 8.0 to 10.0 mils DFT. Drywall areas in the locker rooms were coated with Series 51-792 PVA Sealer, a waterborne primer-sealer, and a topcoat of Series 113 H.B. Tnemec-Tufcoat, a high-build, low-odor epoxy coating, at 4.0 to 6.0 mils DFT.

A single application of Series 665 Dur A Pell 100, a silane water repellent, was low-pressure spray-applied to the concrete flooring. Interior handrails were brush- and roller-applied with Series 66 at 4.0 to 6.0 mils DFT, and Series 290 CRU, an extremely hard urethane coating, at 2.0 to 3.0 mils DFT. Series 27 F.C. Typoxy, a versatile, low-temperature coating, was used as the primer for all hollow metal doors and doorframes, followed by a topcoat of CRU.

Project Name
Brewer Fieldhouse

Project Location
Columbia, MO

Project Completion Date
July 2005

Owner
University of Missouri

Architect/Engineer
Hastings & Chivetta, St. Louis, MO

Field Applicator
Aetna Coatings, Inc., St. Louis, MO

Shop Applicator
Hillsdale Fabrications, St. Louis, MO