



CROWN HOTEL POOL - OVERLAND PARK, KS

PROJECT DESCRIPTION

In previous pool projects of similar design, considerable cracking was occurring around the pool drains as well as along the sidewalls. Normal reinforcement consisted of #4 bars on 6" centers. Design/build contractor **chose to add FORTA-FERRO[®] to control cracking, while increasing the bar spacing to 36" O.C.** The fiber was added and mixed on-site by the ready-mix producer and a shotcrete method was used as normal with no changes to conventional procedure. This 80 cubic yard hotel pool was finished in normal fashion, using 3 foot-long wooden hand floats for initial strike-off. Even with a relatively robust dosage of 5 lbs. / cu. yd., the fibers were not readily noticeable on the initial screeded surfaces, and did not negatively affect the final pool finish. **Due to the successful elimination of previous cracking on this project, Swim Things has continued the 3-dimensional macro synthetic fiber practice in over 800 cubic yards of concrete.**

KEY POINTS

- Reduced Cracking
- Mixed and Placed Easily
- Cost Effective

DETAILS

Date: 2009

Location: Overland Park, KS

Dosage: 5.0 lbs. / cu. yd.

Fiber: FORTA-FERRO[®] 2-1/4"

Owner Type: Swimming Pool

Application: Shotcrete

Contact us for more details