



# CASE HISTORY ~ CH-041

## FASTONITE™ 700 RESTORES FAMILY SWIMMING POOL TO “BETTER THAN EVER”

**THE CHALLENGE:** A conventional plaster and gunite freeform pool was in very poor condition eight years after initial construction. The plaster finish was generally rough and worn and dozens of dollar-sized plaster areas had simply detached exposing the underlying gunite.

The rough surface made proper cleaning impossible and settlement of black and green algae was a chronic problem. Because of the porosity of the lining it was increasingly difficult to maintain the proper balance of chemicals within the pool.

**THE SOLUTION:** Over the course of a three-day weekend two workmen drained the pool, repaired damaged plaster and applied two coats of FASTONITE™700 pool lining.

During the first day the pool was thoroughly water-jetted after draining using a 3,000psi gas powered unit. The surface was in such poor condition that this treatment removed a substantial top layer plus small patches of disintegrating plaster. A full coat of White BIO-SEAL™ 192 was applied by roller to seal and reinforce the plaster surface when the pool had dried after a final rinse with fresh water.

“Divots” of missing plaster were filled in with BIO-DUR™ 561 applied by a straight edged spreader after the BIO-SEAL™ had cured for about 4 hours. Rough areas were ground flat using an electric grinder after the BIO-DUR™ 561 had cured overnight.

On the second and third days two full coats of FASTONITE™ 700 were applied by roller. The finish color of medium blue shown was selected to attract solar heat ensuring a longer swimming season. Interestingly, the pool does not overheat during the long Texas summer. The probability is that excess heat is radiated from the darker pool each night, being replaced by absorbed heat each day.



**RESULT:** The pool was transformed from a high maintenance, badly worn eyesore into an attractive, efficient asset. Spherical glass beads were broadcast on the bottom of the shallow end of the pool to provide a firm grip for water sports without risking injuries from abrasion.

The medium blue color is attractive and has proven effective at heating the pool earlier in the swimming season as well as retaining swimming temperature until later in the year. Chemical use is approximately halved and algae growth is now non-existent.

For more information regarding this project, contact:

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PRODUCT: FST 700

YEAR: 2006

LOCATION: HOUSTON, TX

*We go where others fear to spread!*

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CH-041\_FST 700\_Family Pool\_2006 draft  
Page 1 of 1