



CASE HISTORY ~ CH-071

FASTONITE 700 BLUE COATING GIVES AN ENORMOUS FAMILY POOL UPGRADE.

THE CHALLENGE: A 45 year-old family pool was originally made with a liner then converted to gunite. The gunite was coated with an epoxy finish however this deteriorated badly over four years and needed updating.

THE SOLUTION: The pool owner was experienced with TFT epoxy coatings used in the nuclear industry and was open to trying FASTONITE 700 pool coating in a deep blue color.

APPLICATION: The pool was drained and water jetted then sanded to remove old, loose coating. BIO-DUR 560 high build epoxy was applied to fill in low spots and was sanded to ensure good adhesion of the FASTONITE 700 finish coats. Two coats of FASTONITE 700 were applied by 3/8" nap roller. Aashto glass beads were broadcast into the wet final coat in order to provide good traction without the sharp edges of other abrasives such as sand which can abrade skin and swimsuits. Aashto beads are the reflective beads used in traffic paints, these are perfect glass spheres and also give an attractive iridescent effect.

RESULT: The tired and worn surface is now a very attractive deep blue. Experience with dark colored pools shows that they warm more quickly in spring because they absorb the sun's heat more efficiently than traditional white pools. It has been found that dark pools extend the swimming season by heating up earlier and staying warm later. In the warm South however, they do not become overly hot during the summer months. The reason for this is probably that they shed heat by radiation during the nights resulting in a passive temperature regulation.



The image above shows the pool after initial preparation of the aged coating. The photo below is the transformed pool after FASTONITE 700 application.



PRODUCT: FASTONITE 700

YEAR: 2020

LOCATION: WASHINGTON, USA

We go where others fear to spread!

Thin Film Technology, Inc.
802 Utah Street
South Houston TX 77017
USA

PHONE (713) 910-6200
FAX (713) 910-6210
E-MAIL answers@thinfilmtch.net
WEB SITE <http://www.thinfilmtch.net>

© 2018 Thin Film Technology, Inc

CH-071 FASTONITE BLUE family pool upgrade.docx
Page 1 of 1