



Indoor Salt Water Pond System

Featuring Polyshield HT™ HP/UV

Project:

Indoor Shrimp Pond System

Location:

Newberg, ND

Owner:

Ganix™ Bio-Technologies

Applicator:

Gannix™ Bio-Technologies

Coating System:

POLYSHIELD HT™ HP/UV
100 mils on the tank walls
and floors

Total Area:

Multiple Farm Facilities

Completed:

2001

PROBLEM:

“Going Green” to Ganix™ Bio-Technologies meant developing an indoor shrimp aquaculture system which required a durable, easily cleaned liner that would be low maintenance, with color stability. In order to maintain healthy bacteria and algae life, it was essential the interior coating contained no VOC’s.

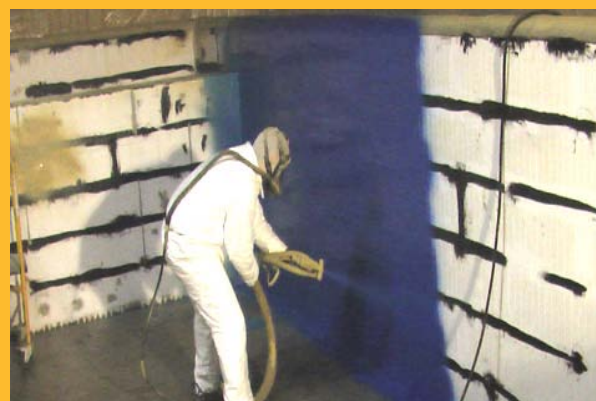
Adrian Zettell of Ganix™ Bio Technologies stated, “Color stability is important because any change of color spectrum through water could affect the shrimp growth.” The ability to spray a textured liner is also extremely valuable, as the texture provides increased surface area for bacteria and algae growth.

SOLUTION:

The chosen coating would be constantly submerged in salt water, and exposed to shrimp feed and waste, making color stability of the utmost importance. They selected Polyshield HT™ HP/UV (High pigment with UV stabilizer) due to its high abrasion resistance, and seamless membrane, with the high pigment and UV stabilizer added to enhance the color stability. Polyshield HT™ is eco-friendly, 100% solids and has no solvents or VOC’s, making it the ideal choice.

RESULTS:

“It is imperative that the products used in the construction of our facilities are of the utmost quality and are able to provide year-round 24/7 uninterrupted service. SPI’s polyurea coating technology has exceeded our expectations,” explained Zettell.



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