



Innovations in
infrastructure repair
Technology

Window Joint Repair at New Jersey's Adventure Aquarium

Adventure Aquarium, located on the Delaware River Waterfront in New Jersey, needed to repair a leak in a tank that is part of the aquarium's West African River Experience, a popular exhibit featuring hippopotamuses, porcupines and over 20 species of African birds in a free-flight aviary. The problem area was located within a 60,000 gallon "pool" belonging to the aquarium's two hippos, Button and Genny.

"We had a leaking acrylic window joint in our hippo tank," said Don Seymour, Chief Engineer for Adventure Aquarium. "We had drained the tank for routine cleaning and the leak was worse when the weight of the water was taken off the window." The tank had been leaking on and off since the aquarium opened in May 2005. Bill



tough, flexible foam seal that cannot be penetrated by water. Prime-Flex 900 XLV is U.L. certified to conform to ANSI / NSF Standard 61 Drinking Water Systems Components - Health Effects.

Don Seymour and his team of engineers made the repair in house. "The caulking worked great," Seymour said. "We are able to use it to stop leaks where no other caulking we have seems to work. As a matter of fact, we have another leak in a shark tank window that needs repair and we plan to bring in a contractor to inject the tank with 900 XLV."

Iacovo representing Gamka Sales Company offered a solution in the form of Prime-Flex 900 XLV.

Prime-Flex 900 XLV is a hydrophilic, liquid polyurethane injection resin designed to seal leaks in concrete and masonry structures. When it contacts with water, Prime-Flex 900 XLV expands up to 600% and forms a

As for Button and Genny, they can get back to the task of swimming and showing off in their newly repaired pool. Adventure Aquarium features nearly 200,000 square - feet of sea life and wildlife. For more information, visit their website at www.AdventureAquarium.com.

Images © Adventure Aquarium.



Button and Genny frolick in their newly repaired pool at Adventure Aquarium in New Jersey.

Prime Resins Polyurethane Grouts are Distributed by:



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