

PROJECT:

Soft Water Basin

LOCATION:

Port Neches, TX

OWNER:

Huntsman Corp.

APPLICATOR:

Immco, Inc.

SYSTEM:

POLYSHIELD™ SS 100
4 mils Red Primer

TOTAL AREA:

23,000 square feet

COMPLETION DATE:

November 1996

PROBLEM:

A 60-year old 23,000 sq. ft. soft water basin was leeching water into the concrete and dissolving the surface. The previous coal tar epoxy coating had cracked, and failed to seal the water containment system.

SOLUTION:

The owner selected SPI's Polyshield™ SS 100 polyurea coating for this project. The basin was hydro-blasted at 6,500 PSI and followed up by the application of a cementitious grout on the seams. The basin was then sealed with 4 mils of primer, and coated with 80 mils of Polyshield™ SS 100.

The owner considered PoliBrid polyurethane and GlassMat epoxies for this project, but decided to use a

fast-set, durable polyurea that was less sensitive to moisture. The owner was very familiar with the benefits of using this type of Polyurea product.

RESULTS:

Huntsman Corp. was pleased with the project results. They now have a durable, waterproof, elastomeric liner protecting their soft water containment system from leaks. The basin was inspected in January 2001 and was holding up well.



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