



Case Study

INTEGRITY - RESPECT - RELIABILITY - INNOVATION

Ceramapure PL-90 Ceramic Epoxy: Potable Water. Wastewater. Steel or Ductile Iron Pipe. AWWA C-210 compliant. The “All in One” pipe lining solution is here.

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The “all-in-one” pipe lining solution is here. With **Ceramapure PL-90 Ceramic Epoxy**, Induron Protective Coatings brings decades of experience and technology to the pipe market. Founded in 1947, Induron is a privately-held industrial coatings manufacturer. Specializing in water and wastewater applications, Induron consistently produces unique coatings solutions that protect a variety of assets in infrastructure. From the industry standard ductile iron waste water pipe lining, **Protecto 401**, to its unique and proven line of ceramic epoxies, such as **PermaClean 100** and **Ceramasafe 90**, Induron’s products protect nearly any immersion surface for water and wastewater treatment.

Induron’s **Ceramapure PL-90** offers an especially unique barrier coating. The two-component, high-solids and chemically-cured epoxy, is formulated for the protection of pipe and fittings for water or sewer service. Ceramapure provides the highest level of corrosion and abrasion resistance while being AWWA C-210 compliant. In addition to being AWWA C-210 compliant, Ceramapure provides the highest level of corrosion and abrasion resistance. **Ceramapure PL90** is also certified to NSF/ANSI International Standard 61 for potable water immersion service for pipe diameters of four inches or larger.

“Ceramapure has been in use for more than a decade all over the U.S. and internationally,” said Chris Rowell Induron’s Pipe Coatings and Linings Specialist. “The potential usages for this type of a lining are very attractive considering the many different ways it can be used to protect a pipeline. I don’t know of another pipe lining that can really tackle this many lining industry.

applications and truly perform in all of them. Municipal systems especially love PL-90 because it reduces the stock positions needed for water and wastewater in addition to eliminating the worry of installing the wrong lining in emergency situations. Additionally, we use only certified applicators to insure our success.”



The extensive testing proves Ceramapure worthy of its nickname, the “all-in-one” pipe lining solution. One of the independent labs that tested PL-90 commented: “It is unusual for a coating to present with such a small amount of cathodic disbondment after the ASTM G-95 test. The disbondment caused by the cathodic current appeared to be less than 2 mm for all panels...water vapor transmission must be very low.”

PL-90 has been used successfully for raw water intake lines, water treatment injection points, wastewater treatment piping, gravity sewers, reverse osmosis plants, saltwater piping, storm sewer outfalls, sewer force mains, and industrial process piping. The lining is also safe for membrane filtration systems.

For more than 3 decades, Induron has been the choice of specifiers and owners alike in the pipe industry. Induron understands what it means to be a partner with the engineering community, contractors and applicators who are all integral parts of the pipe and pipe lining industry. With **Ceramapure PL-90 Ceramic Epoxy**, Induron can help you insure the long-term success of your next pipe project.

