



INTERPLASTIC

# CASE

# history



## Tri-State Utilities Relies on CoREZYN® Products for Trenchless Pipe Repair

Last year, Tri-State Utilities achieved the milestone of having installed 1 million feet of cured-in-place pipe (CIPP) liner. Tri-State uses CoREZYN brand polyester and vinyl ester resins from Interplastic Corporation for trenchless repair of partially and fully deteriorated storm water, sewer, culvert or industrial pipes in its service to utility departments.

CoREZYN's styrene-free, no-VOC (volatile organic compounds) resins align with Tri-State's focus on environmentally safe and structurally sound rehabilitation methods. Case in point: For the Virginia Department of

Transportation, Tri-State installed more than 150,000 pounds of resin and liner in storm drain pipes on the state's environmentally sensitive eastern shore. In addition the new product has no objectionable odors.

"The no-VOC resins are the crown jewel of Interplastic's products in the past two years," says Andy McSweeney, President, Tri-State Utilities. "For projects such as storm drains that discharge into estuaries, there is an increasing demand for no-VOC resin CIPP. Interplastic recognized this need as it was emerging and met subsequent customer demand."



styrene-free,  
no VOCs



Before Relining



After Relining

to gel uniformly and cure thoroughly to minimize installation time.

Interplastic Corporation is a specialty chemical company with its headquarters in St. Paul, Minnesota. Its Thermoset Resins Division focuses on the production and distribution of unsaturated polyester, vinyl ester resins, gel coats and colorants for the composites and cast polymer industries. The Molding Products Division is a leader in the production of sheet molding composites and other thermoset molding materials. Interplastic's North American Composites division is a national, full-service distributor to these same industries. Interplastic Corporation's Thermoset Resins Division is ISO 9001:2008 and ISO 14001:2004 certified.



consistent  
physical  
properties  
and  
performance

CoREZYN® brand CIPP resins have high flexural and tensile strength, providing long-term resistance to corrosive fluids produced by industrial waste lines, pressure pipes and sewers that handle caustic and acidic materials. These cured-in-place pipe resins exceed ASTM F1216 standards and are well suited for Tri-State customers, including shipyards and mills.

“The fact that Interplastic offers both polyester and vinyl ester resins gives us more flexibility in meeting our customers’ needs. Caustic and high-temperature material coursing through polyester-lined pipes would cause breakdown of the liners. Therefore, vinyl ester is a better solution for our industrial clients,” says McSweeney.

“Interplastic’s products — their physical properties and performance — are consistent, which is vital to our business,” says McSweeney. “Our pipelines are designed based on physical properties and past performance. If products vary in consistency, that affects our design, implementation, quality and costs

of the job. Working with one reliable, consistent supplier helps us to meet our customers’ expectations every time.

“We have worked with Interplastic for more than a decade and appreciate that their resins exceed the ASTM standards that we adhere to. We collaborate with Interplastic’s field specialists to help us develop innovative, optimal solutions for our customers.”

For its customers’ pipe needs, Tri-State uses a liner system from CIPP Corporation known as Terra Verde™. This system incorporates Interplastic’s CoREZYN no-VOC resins with a specially designed liner to meet the requirements where an environmentally friendly application is needed.

Interplastic develops resin application solutions in its laboratories, using time-tested methods to determine corrosion resistance, flexural creep, physical properties, gel/cure properties and other characteristics for broad and custom applications. CoREZYN brand products are made with advanced stability properties to prevent premature gelation, and are designed



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