Glass coated pipe in very acidic service at 250 F temperature in need of repair.

Industry:	Chemical & Petrochemical	Customer Location:	Saint Gabriel, LA
Application:	VPF-Valves, Pipes and Fittings	Application Date:	April 2024
Substrate:	Carbon steel		
Products:	Belzona 1511 (Super HT-Metal), Belzona 1593		

Problem

A pipe inside a glass lined tank had suffered a failure in the glass liner causing pitting in 2 areas on the pipe. The pitting needed to be filled in and over coated for protection from the harsh service environment.

This was the most damaged area on the glass coated pipe. 1 1/2" x 1 1/2" x 1/2"

Smaller damaged area of glass coated pipe.

Area's being addressed during the repair. Belzona 1511 was applied for pit filling then Belzona 1593 was applied and tied into the glass liner for added protection of the repaired areas.

This is the completed repair, curing and waiting to be put back into service. Great job by the repair team.

Application Situation

Belzona of Baton Rouge was able to save the customer time and money because of the quick repair offered to the customer. The alternative was to have a company that does glass linings come in to make the repair and the cost and down time for the customer would have increased substantially.

Application Method

A battery operated MDX Bristle Blaster was used to prepare the area. The area was cleaned with 9111. Then a Belzona application tool and a short bristled paint brush were used for the application of Belzona 1511 and Belzona 1593.

Belzona Facts

The Belzona repair method was chosen due to its ease of application and quick turnaround time to allow the customer to return to

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