



Areas to be protected, including the structure welded to the pipe.



Contractor doing the surface preparation to SP-10 and anchor profile of 2.5-5 mil.



Protal 7200 being applied on the main line and on the difficult areas of the welded structure.

Project Data

Location	Atibaia and Santa Isabel - Sao Paulo State / Nova Veneza - Santa Catarina State (Brazil)
Completed	February 2018
Project Type	Anticorrosive protection and fast backfill of gas line
Products / Systems Used	Protal™ 7200
Contractor or Applied by	Maintenance Staff

Project Details

TBG is the company that manages the Brazilian part of the Bolivian-Brazil Gas Transport Line, which is 2,593 Kms of pipeline with diameter between 16" to 32". The importance of this pipeline makes TBG to be very strict about the integrity and that all critical maintenance work are completed quickly using the most durable and reliable products. The anticorrosive coating used by TBG is Premier Coating's Protal 7200 liquid epoxy pipeline coating for FBE repairs to coat girth welds at the pipe joints as well as repairing all damages on the FBE during handling or for backfill in rocky soils. Previous epoxies used by TBG had a long cure time due to temperature and relative humidity, with a cure time wait between 24 hr to 72 hr, prior to burying the coated areas of the pipeline. They would also need to apply several layers of the coating to achieve a DFT of over 30 mil. TBG needed to find a better epoxy coating to save time and money for their corrosion protection needs.

TBG started using Protal 7200 to take advantage of its superior cure times, proven durability and excellent mechanical & anticorrosive properties. With a fast backfill cure time of 1.5 to 2 hours at 90°F (32°C) and high WFT/DFT (up to 50 mils in just one coat), Protal 7200 became their coating of choice. It was applied on several points of a 24" line section, with structures welded to the pipeline at certain areas (these difficult areas were given a stripe coat and then coated with via a paint-brush). TBG received excellent coating results as they could easily reach 40 mil WFT/DFT in just one coat. They also quickly completed the coating project since each rehabilitated points were ready to be buried in 3 hours at ambient temperature of 25°C and 60% relative humidity. Protal 7200 was easily applied by TBG maintenance staff after a simple training demo by Premier Coatings representatives at the project site.

Date Published: March 2018