



Pre heating of weld joints prior to blasting.



Brush applied coating protection of girth welds.

Project Data

Location	Northern Louisiana
Completion	2010
Project Type	Girth Weld Protection
Products Used	Protal 7200
Contractor or Applied By	Sheehan Pipeline

Project Details

The Kinder Morgan Mid-Continent Express Pipeline is a recently completed 42" and 36" 500-mile pipeline in which the girth welds, HDD weld joints and tie-in joints were protected with Protal 7200.

Protal 7200 was selected as the coating of choice for this project due mainly to its versatility to be used in various applications. The product has outstanding physical properties and fast cure ability, which allowed the contractors to use the same coating for the protection of all weld joints including girth welds, tie-ins and bore joints.

Protal 7200 is a two-part, 100% solids epoxy coating that can be applied in one coat up to 50 mils. The coating exhibits excellent cathodic disbondment results of 4 mm @ 150°F (65°C). Another benefit is high impact and abrasion resistance for directional drill applications. Furthermore, the extremely fast cure makes it ideal for tie-ins and holiday repairs. Test results with independent labs and oil & gas companies have proved to be superior to other liquid coatings.

Unlike FBE, which requires expensive and heavy equipment, Protal 7200 only requires a brush or roller to apply. The costly risk of downtime due to equipment failure is eliminated. Due to these cost savings, Protal 7200 is ideal for a variety of field or shop applications including girth welds, tie-ins, HDD applications, station piping, fittings and repairs to FBE.

Benefits

- High Build (Up to 50 mils)
- Environmentally Friendly
- Excellent Adhesion
- High Abrasion Resistance
- Fast Dry and Set Time
- High Temperature Resistance (up to 185°F)