



Project Data

Location	N/A
Completed	2004
Project Type	Pipeline Rehabilitation
Products / Systems Used	Protal™ 7200

Project Details

Many oil & gas companies are creating pipeline integrity programs to inspect, monitor and repair their pipeline systems. If during inspection the coating is found to be disbanded or in need of repair, the pipeline will be excavated and recoated. Denso's Protal 7200 is the product of choice to recoat pipelines by hand or spray.

Kinder Morgan selected the Protal 7200 to recoat approximately 600 lineal feet of 36" diameter pipe. The project consisted of excavating and exposing the 36" diameter pipe. Prior to coating, the pipe was sand blasted to a near-white finish, SSPC SP-10 or NACE No. 2 standard. After the surface was prepared, Protal 7200 in (90 liter kits) was applied using plural component spray equipment. The coating was applied by the Corpro Companies at an average thickness of 28 - 35 mils in one coat. The tack-free time was approximately 30 minutes and the pipe was ready for backfill within 2 hours.

Protal 7200 is a VOC free, 100% solids epoxy that exhibits excellent cathodic disbondment results with 6 mm at 185°F (85°C). In addition, the coating offers high impact resistance, fast curing, high abrasion resistance, high build (up to 50 mils in one coat) and environmentally safe. Denso manufactures a full line of Protal liquid coatings to meet the demand of the pipeline industry. Protal liquid pipeline coatings are the coatings of choice by owners, oil and gas specifiers and contractors across North America.

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)



Spray applied Protal™ 7200 protects 600 liner feet of 36" diameter pipe.



Protal™ 7200 being sprayed applied in the field.



Protal™ 7200 is a high build (up to 50 mils) liquid epoxy coating.

Date Published: August 2004