

Internal Pipe Spray Protection

Project: Internal Pipe Lining

Category: Corrosion Protection

Completion

Date: May - December 2010

Product: RhinoChem 2170

Dealer: Rhino Linings Darwin
& Rhino Linings Australasia

Job Description:

Australian Government owned Northern Territory Power and Water Corporation provides electricity, water supply and sewerage services to nearly 80,000 customers in that state. Recently, NTP&W began upgrading their waste water pipe infrastructure in several large Darwin developments, namely Lyon, Palmerston and Larrakeya.

For longevity, corrosion protection and to reduce gas attack, Rhino Linings spray applied elastomers were specified for this work. The application involved the internal spray coating of Rhino Linings chemical resistant polyurethane, RhinoChem 2170, as a seamless protective lining.

The large concrete pipes used in these manhole and sewer pump locations were manufactured onsite at local concrete pipe companies and the Rhino team then set up the innovative mobile RhinoPro Internal Pipe Spray System to apply the lining as per the NTP&W specification.

The recently released RhinoPro Internal Pipe Spray system was designed and built in-house by Rhino Linings Australasia technical department to spray the internal surface of concrete, steel and FRP pipes. The system uses all the Rhino spray applied elastomers and therefore will cover a wide range of liquid materials handling issues.

The RhinoPro Internal Pipe Spray System has been designed for pipes which require special protection for the internal transfer of materials including water, wastewater, sewerage, various chemicals and oil.



