

Water Line Rehabilitation



Before



After

Adding life to aging pipes

Whether using cement mortar or epoxy to rehabilitate aging water lines, the results are the same: restoring hydraulic capacity and water quality. Our experienced team will help you select and install the most efficient sprayed-in-place pipe (SIPP) rehabilitation method for your situation.

Cement mortar lining

Cement mortar is centrifugally cast, non-structural method for trenchlessly rehabilitating potable and raw water pipes with diameters of 3 inches and larger. It eliminates and protects against internal corrosion and tuberculation.

The material cures in 24 hours and can be used at operating pressure within 48 hours. Cement mortar is installed to a minimum thickness of 1/8 inch.

Epoxy lining

Epoxy is a centrifugally cast, non-structural method for trenchlessly rehabilitating potable and raw water pipes with diameters of 4 inches and larger. Epoxy lining has NSF 61 approval and is particularly suited for water with a high pH level.

The material's quick cure time means pipes can be returned to service in 16 hours. Epoxy is installed to a minimum thickness of 1 mm.

Related Services:

- Bypass system – Installation of temporary system to supply affected homes and businesses with potable water
- Cleaning – Drag cleaning is used to prepare pipe for inspection and lining
- CCTV – Recorded video inspection to document pre- and post-work conditions

Cement mortar suited for:

- Cast iron
- Steel
- Concrete
- Brick
- Asbestos-cement
- Corrugated metal

Epoxy suited for:

- Iron
- Concrete
- Asbestos-cement