



Project Data

Location	Cheyenne, WY
Completed	1995
Project Type	Valve & Fitting Protection
Products / Systems Used	Denso Paste, Denso Profiling Mastic & Densyl Tape

Project Details

One of the nation's largest engineering firms, CH²M Hill, was hired by the City of Cheyenne, Wyoming to write specifications for rehabilitating a forty mile stretch of 26" diameter steel water pipeline. The pipeline was built in the 1960s to supply water to Cheyenne from the pristine highland lakes in the Rocky Mountains. This ingenious system is completely gravity fed and incorporated a series of air releases and blow off valves.

Complications arose in specifying the coating of valves and fittings which were situated in concrete vaults. The vaults are located on hill tops and valleys in remote Southern Wyoming and many of the valves were partially submerged or underwater.

Therefore, a coating system tolerant to wet conditions and minimal surface preparation was needed.

Denso North America Inc. was contacted to give a coating demonstration using their system, consisting of Denso Paste, Denso Profiling Mastic and Denso Petrolatum Tape. The engineers were impressed by the minimal surface preparation (hand tool cleaning) and the ability of the product to conform to the irregular surfaces, especially on partially submerged valves. The engineers and owners were satisfied that money could be saved in time and equipment using this system.

CH²M Hill specified the system and awarded the High Plains Construction of Wyoming. The contractor has successfully applied the Denso Petrolatum Tape System to over 100 valves and fittings.

Benefits

- Minimal Surface Preparation
- Fast & Easy Installation
- Meets AWWA 217 Standard
- UV Resistant
- Long Maintenance-Free Service Life
- Can Be Applied to Wet Surfaces
- Long-Term Valve & Fitting Protection
- Environmentally Friendly



Simple hand cleaning (SSPC-SP-2 or SP-3) is all that is required for surface preparation.



Denso Profiling Mastic easily conforms around irregular shapes and covers sharp edges.



Over 100 water valve assemblies were protected with Denso Petrolatum Tape System.

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