

ZINC-RICH COATING SYSTEM FOR VALVES

General Description

Advanced cathodic protection for buried valves is provided by the application of a base coat of a high performance, two component, reinforced zinc-rich primer. Zinc has a lower electrode potential on the galvanic series and therefore acts as a sacrificial galvanic anode to help protect iron in corrosive environments. The result is a reliable coating system with exceptional abrasion and corrosion resistance ideally suited for buried valves, especially those in contact with zinc-coated iron pipe.

Specification

When specified, the exterior of the valve shall be coated with a minimum of 6 mils of zinc-rich two-component primer followed by the application of a minimum of 6 mils of two-component, chemically-cured epoxy coating.

Typical Performance Characteristics

1. Color: Black
2. Thickness: 12 mils minimum
3. Density of zinc: 200 g/m²
4. Gloss Level: Semi-gloss
5. Volume Solids: High, 80%
6. Epoxy Certification: Meets AWWA C-210 and D-102
7. Safety: Meets NSF/ANSI 61 for Potable Water
8. Surface Preparation: SSPC-SP10
9. Adhesion: 2,000 PSI
10. Resistant to many solvents and chemicals
11. Application: Suitable for buried service or corrosive environments
12. Environment: Low VOC coating

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ZINC-RICH COATING

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VAL-MATIC[®]

VALVE AND MANUFACTURING CORP.

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