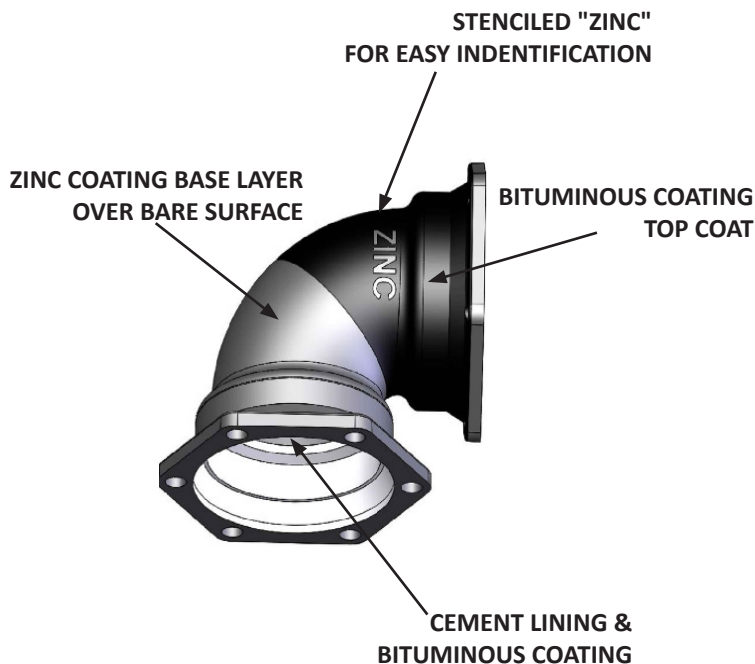


SIGMA Z-COAT WITH BLACK ASPHALT TOP COAT FOR DUCTILE IRON FITTINGS

Product Information Sheet



Fittings will also meet the following Standards where applicable:

1. ASTM A536 for Ductile Iron.
2. ANSI/AWWA C153/A21.53 for Ductile-Iron Compact Fittings.
3. ANSI/AWWA C110/A21.10 for Ductile-Iron and Gray-Iron Fittings.
4. ANSI/AWWA C111/A21.11 Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.
5. ANSI/AWWA C104/A21.4 Cement-Mortar Lining for Ductile-Iron Pipe and Fittings.
6. ANSI/ASME B16.1 for Flanged Fittings dimensional specification.
7. NSF-61 for all interior coating.
8. Underwriters Laboratory (UL) Listed.
9. Factory Mutual (FM) Approved.

Specification Requirements

- SIGMA Z-COAT shall be applied per ISO 8179-2.
- Fittings shall be cement lined and asphalt coated inside per ANSI/AWWA C104.
- SIGMA Z-COAT shall contain not less than 85% ZINC content in dry film after application on the fitting outside surface with a finishing top layer of asphalt coating.
- Fittings shall be stenciled with "ZINC" in silver on the outside to easily identify ZINC paint undercoating.

Benefits

- SIGMA Z-COAT provides galvanic protection to ductile iron for corrosive soil or wastewater immersion.
- SIGMA Z-COAT provides a 3 ½ mil physical barrier in addition to the galvanic protection of zinc.
- SIGMA Z-COAT has the ability to self-heal.
- SIGMA Z-COAT is the superior coating for castings such as fittings, which have rougher surfaces than ductile pipe. Rough surfaces and non-uniform shapes present a challenge for the coating to settle in an even manner. SIGMA Z-COAT is applied as a liquid, so it flows easily and fills the peaks and valleys completely.
- Zinc rich paint, such as SIGMA Z-COAT, is specified for field repairs.
- In highly corrosive soils, SIGMA suggests the use of SIGMA Z-COAT Fittings with V-Bio enhanced polyethylene encasement.