

**Installation Standard
For
PROTECTIVELY COATED PIPE
IAPMO IS 13-2006**

1.0 SCOPE

1.1 Installation and material of protective pipe coatings shall comply with this Standard and the current edition of the Uniform Plumbing Code [UPC]TM, published by the International Association of Plumbing and Mechanical Officials (IAPMO).

Note: The following sections of the Uniform Plumbing Code shall apply to protectively coated pipe.

- 301.1.2 Marking
- 302.0 Iron pipe size (IPS) pipe
- 310.0 Workmanship
- 311.0 Prohibited fittings and practices
- 313.5 Protection required
- 314.0 Hangers and supports
- 604.0 Materials – water piping
- 609.3.1 Coated protection required
- 1209.5 Materials – gas piping
- 1209.5.6 Coated protection required and coating material approval required

2.0 PRODUCT REQUIREMENTS

2.1 Minimum Standards

2.1.1 Materials

2.1.1.1 Coating. Piping shall be coated by a listed coating applicator in accordance with AWWA C203, AWWA C213, or AWWA C215.

2.1.1.2 Tape. Tape for field application shall comply with IAPMO PS 37, Black Plastic PVC or PE Pressure-Sensitive Corrosion Preventive Tape.

2.1.1.3 Primer. Primer for field application shall be compatible with the tape and be as recommended by the tape manufacturer.

2.1.2 Markings

2.1.2.1 Pipe. Protectively coated pipe shall be legibly marked at least every two (2) feet (610 mm) as follows:

- (a) Applicator's name or trademark;
- (b) Pipe manufacturer's name;
- (c) Pipe Standard designation i.e., ASTM or API;

- (d) Pipe material type i.e., Black, Galvanized;
- (e) Pipe size and schedule;
- (f) Coating material;
- (g) Holiday test voltage;
- (h) Products listed by IAPMO that are covered by this standard shall be labeled with the designated IAPMO certification mark; and
- (i) Any other required markings. [UPC 301.1.2]

2.1.2.2 Tape. Tape for field applications should be legibly marked at least every two (2) feet (610 mm) with the manufacturer's name and tape model identification.

2.2 Protection of Piping and Fittings

2.2.1 Field Joints. Field joints shall be made as follows, except as specified in 2.2.2. Clean and dry surfaces to be protected. [UPC 313.0]

Step 1 Oil and grease, if present, shall be removed with suitable non-oily type solvent such as Heptane or Trichlorethylene. Materials, such as kerosene and gasoline, shall not be used.

Step 2 For coated pipe, remove coating approximately 3 inches (76 mm) from end of pipe or from repair area and bevel to expose shoulder of coating at area to be field wrapped.

Step 3 For taped pipe, remove tape and overwrapping so as to expose approximately 3 inches (76 mm) of pipe at area to be field wrapped.

Step 4 For welded pipe, grind down sharp welds and weld spatter to a minimum 1/8 inch (3.2 mm) radius. Wire brush the weld area thoroughly taking care to remove as much mil scale and surface rust as possible. Remove any loose or charred coating caused during welding.