



## AM 2310 Grey Corrosion Protection

### Product Description

American Coatings' AM 2300 Corrosion Protection series consistently provides products of exceptional chemistry delivering the best in corrosion protection, while being safe for our environment and totally user friendly. Because our 2300 series is 100% solids, it contains no volatile organic compounds or solvents, and may be safely applied in confined areas with good ventilation

The 2300 series Coatings is the standard for lining ductile pipe used in the sewage and waste water industry and can be found protecting steel, ductile pipe and concrete substrates to a wide range of chemicals and solvents.

#### Adhesion Strength:

2850 psi

#### Container Size:

1 gallon kits

#### Coverage per gallon (Theoretical):

160 sq. ft. at 10 mils thickness

#### Flash Point:

>250°F (121°C)

#### Pull-Off Adhesion:

Test ASTM D 4541 >2500 PSI

#### Recommended Thickness:

2 or 3 coats at 8–20 mils each,  
max vertical 12 mils

#### Specific Gravity:

Resin: 1.48  
Hardener: 0.97

#### Volatile Organic Compounds (VOC):

0 grams/liter

#### Weight Per Gallon:

10.86 lbs, + / - .20

#### Dry Times

40°F (4°C) 8 hours, 30 minutes  
75°F (24°C) 45 minutes  
75°F (24°C) 35 minutes

*Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic heat created during the curing process will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".*

#### Service Temperature:

Dry Service -30°F—250°F (121°C)  
Spill/Splash 200°F (93°C)  
\*Immersion Service 170°F (76.7°C)  
  
\* Water Immersion — 190°F (90°C) — Atlas test cell for 60 days, unaffected

#### Pump Specifications:

Pump Ratio 56:1 or greater  
Minimum Output 5,600 PSI  
Product Hose: Min.  
—Optimum I.D. 0.375–0.5 inch  
Max. Length 60 feet  
Tip Size 0.023-0.029

#### Cure Time (AT 70°F OR 21°C):

Re-coat Window 24 hours maximum  
Light Loading 2 days  
Immersion  
(Aqueous) Service 3 days  
Full or Chemical  
Service 7 days

Chemical Resistance  
For Primary containment  
Acetic acid 10%  
Ammonium Hydroxide 25%  
Brine water  
Diesel Fuel  
Gasoline  
Hydrochloric Acid 20%  
Potassium Hydroxide 50%  
Sodium Chloride  
Sodium Hydroxide  
Sulfuric Acid 75%  
Ethanol

### Features & Benefits:

- 100% Solids, No VOCs
- Excellent immersion resistance

#### Multiple Coats:

Second and subsequent coats must be applied before the previous coat has completely cross-linked. If additional coats are needed after re-coat window, brush blast before applying the next coat. Small areas may be abraded by sanding or wire brushing.

The same requirements applies when overlapping the seams of adjacent coating sections to create a continuous protective film. If the coating surface to be overlapped at the seam cannot be brush blasted, use a non-impact means as power brushing or sanding to create a mechanical profile.

See reverse side for our liability and warranty.

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**NOTICE TO BUYER: DISCLAIMER OF WARRANTIES  
AND LIMITATIONS ON OUR LIABILITY**

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We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications.

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