

# CORROPIPE II TX-15™

## MULTI-PURPOSE PROTECTIVE PIPELINE COATING

The **Corropipe II TX-15™** system provides a single high-build layer of robust, abrasion resistant 100% solids rigid polyurethane coating. This rapid cure liquid polyurethane coating can be reliably applied in plant or onsite, without the complex and time-consuming application process associated with alternative technologies. Suitable for both interior and exterior applications, the finished product is extremely hydrophobic and bonds tenaciously to concrete, ductile iron and steel pipe.

### FEATURES

- Zero VOC Coating System
- Over 25 Years Proven Performance
- Manufactured at an ISO 9001:2000 Facility
- Exceeds AWWA C-222 Standard
- Greater than 2000 psi Adhesion
- Bacterial Inertness
- Resistance to Soil Stress
- Excellent Chemical Resistance
- Ideal for Immersion Service
- Outstanding Durability and Longevity
- Compatible with Cathodic Protection

### PRODUCT DESCRIPTION

**Corropipe II TX-15™** is a industry proven ASTM type V, 100% solids polyurethane technology that has been engineered to provide excellent adhesion and abrasion resistance for the corrosion protection of large diameter pipe and fittings in the water industry.

**Corropipe II TX-15™** is a solvent free, non flammable, coating based on technology that has been protecting underground structures since 1975. Its fast set 1:1 ratio, two component nature allows it to cure in temperature ranges from -40° F to 150° F to form a hard, resilient coating that offers superior long term corrosion protection.

### COMMON APPLICATIONS

- Buried Water Pipe
- Directional Drill
- Slip Bore
- Penstocks
- Cooling Water
- Pilings

**MADISON CHEMICAL INDUSTRIES INC.**  
The World Leader for Infrastructural Coatings™



## PERFORMANCE PROPERTIES

### ADHESION

- ASTM D-4541

Greater than 2000 psi to steel & ductile iron  
Exceeds cohesive strength of concrete

### IMPACT RESISTANCE

- ASTM G-2794

>50 in. lbs

### FLEXIBILITY

- ASTM D-522

180° over 1" mandrel @ 20 mils

### ABRASION RESISTANCE

- ASTM D-4060  
(1 kg @ 1000 cycles)

78mg loss (CM version 20mg loss)

### SURFACE RESISTIVITY

- ASTM D-257

1 x 10<sup>14</sup> ohms per cm<sup>2</sup>

### RESISTANCE TO CATHODIC DISBONDMENT

- ASTM G-8 (28 days 20 mils) < 12 mm radius

### TEMPERATURE RESISTANCE

- ASTM D-870
- ASTM D-2485

-40° F to 140° F Wet  
-40° F to 195° F Dry

### SOLIDS CONTENT

- ASTM D-1259

99 +/-1%

### ULTRAVIOLET RESISTANCE

- ASTM G-53

Will chalk and darken

### CHEMICAL RESISTANCE

- ASTM D543-87  
20% H<sub>2</sub>SO<sub>4</sub> @ 70° F  
Sat. NaOH @ 70° F

Pass  
Pass

## PRODUCT CHARACTERISTICS

## SYSTEM REQUIREMENTS

### BURIED PROTECTION

20 mils (500 microns)

### ROCK SHIELD, SLIP BORE RIVER CROSSING

40 to 80 mils (1000 to 2000 microns)

### AWWA C-222 STANDARD

25 mils (625 microns)

### SURFACE PREPARATION

Steel

Near White Blast (**SSPC-SP10; NACE 2; SA 2.5**)  
Minimum 2.5 mil profile for immersion service  
Abrasive blast for surface profile of at least 2.5 mils  
Abrasive blast to remove laitance

Ductile Iron  
Concrete

For more Comprehensive Technical Data, please contact your Madison representative.  
They will be pleased to provide you with expanded product information.



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