## DESCRIPTION:
A two part, highly thixotropic epoxy system formulated for spraying with Warren Environmental, Inc.’s patented meter/mix spray equipment.

## CHARACTERISTICS:
This system uses a super fast Activator to speed up cure in cold and damp environments. Formulated with special additives and modifiers to enhance the water resistance, chemical resistance, and bond strength to a variety of substrates as well as its own internal strength. The high thixotropic index allows for up to a ¼” build-up on vertical surfaces without sag.

## APPLICATION:
Designed for use with Warren Environmental's patented meter, mix and spray equipment. The epoxy component utilizes a 2 parts base to 1 part activator mix ratio by volume. This product is sold and installed only by technicians specifically trained and licensed in our patented techniques.

## ADVANTAGES:
- Cold and damp application
- Long Open time for Efficient Top coating
- Excellent Cure at Low Temperature
- Excellent Cure at High Humidity
- Zero Induction Time
- 0% V.O.C.’s
- 100% Solids
- Long Working Time Relative to Cure Time
- Ready-to-Use (No Thinning Required)
- Excellent Water and Chemical resistance with ambient cure
- Achieve high-build thicknesses without sag

## SPECIAL SAFETY AND HANDLING:
There are no special safety or handling procedures beyond those published on the reverse and the Material Safety Data Sheets.

### Typical Properties

#### Liquid Properties (Systems)
- **Viscosity**: 90,000-120,000 cps
- **Thixotropic Index**: 5.0-6.0
- **Specific Gravity**: 1.143
- **Flash Point (Closed Cup)**: >235°F
- **Color**: Varies
- **Geltime (200g@77°F)**: 27 minutes
- **Thin Film Set (@ 77°F)**: 2 hours
- **Thin Film Set (@ 40°F)**: 8 hours

#### Physical Properties (1/8” Casting)
- **Tensile Strength (ASTM D638-86)**: 7000 psi
- **Flexural Strength (ASTM D790-86)**: 10,000 psi
- **Flexural Modulus @0.100” (ASTM D790-86)**: 450,000 psi
- **Compressive Strength (ASTM D695-85)**: 10,000 psi
- **Glass Transition Temperature (ASTM D3418-82)**: 151°F
- **Tensile Elongation @ Break**: 4.8%
- **Thin Film Set (@77°F)**: 2 hours
- **Shore D Hardness**: 83-85

#### Chemical Resistance (28 Day Immersion)

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Weight Gain (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>0.99</td>
</tr>
<tr>
<td>Ethanol</td>
<td>4.68</td>
</tr>
<tr>
<td>10% Acetic Acid</td>
<td>3.85</td>
</tr>
<tr>
<td>70% Sulfuric Acid</td>
<td>0.13</td>
</tr>
<tr>
<td>50% Sodium Hydroxide</td>
<td>0.09</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>1.11</td>
</tr>
<tr>
<td>Methanol</td>
<td>9.55</td>
</tr>
<tr>
<td>Xylene</td>
<td>0.69</td>
</tr>
<tr>
<td>Butyl Cellosolve</td>
<td>1.18</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>11.19</td>
</tr>
<tr>
<td>10% Lactic Acid</td>
<td>3.24</td>
</tr>
<tr>
<td>Bleach</td>
<td>0.93</td>
</tr>
<tr>
<td>1,1,1 Trichloroethane</td>
<td>0.43</td>
</tr>
<tr>
<td>10% Nitric Acid</td>
<td>2.05</td>
</tr>
<tr>
<td>30% Nitric Acid</td>
<td>4.17</td>
</tr>
</tbody>
</table>

All values reported above are typical values and are reported as a means of reference.