2 Pack Water Base Epoxy
Anti-Corrosion Primer
Based on Beckopox® EP 385w and
Beckopox® VEH 2106w

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Description/Supplier</th>
<th>Pounds</th>
<th>Gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part A:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deionized Water</td>
<td></td>
<td>81.70</td>
<td>9.81</td>
</tr>
<tr>
<td>PM</td>
<td>Propylene glycol methylether co-solvent, Lyondell</td>
<td>20.40</td>
<td>2.65</td>
</tr>
<tr>
<td>PnB</td>
<td>Propylene glycol methylether co-solvent, Lyondell</td>
<td>20.40</td>
<td>2.79</td>
</tr>
<tr>
<td>BYK-190</td>
<td>Dispersant, Byk Chemie</td>
<td>15.30</td>
<td>1.73</td>
</tr>
<tr>
<td>Add the pigments while mixing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mica WG-325</td>
<td>Wet Ground Mica, Oglebay Norton Minerals</td>
<td>7.80</td>
<td>0.33</td>
</tr>
<tr>
<td>Bartex #65</td>
<td>Barium Sulfate, Hitox</td>
<td>65.00</td>
<td>1.79</td>
</tr>
<tr>
<td>Bayferrox 130M</td>
<td>Red Iron Oxide, Bayer</td>
<td>65.00</td>
<td>1.56</td>
</tr>
<tr>
<td>Zeeosphere 400</td>
<td>Ceramic Microspheres, 3M</td>
<td>65.00</td>
<td>3.25</td>
</tr>
<tr>
<td>10 ES Wollastocat</td>
<td>Calcium Metasilicate, NYCO</td>
<td>98.00</td>
<td>4.05</td>
</tr>
<tr>
<td>SW-111</td>
<td>Corrosion Inhibiting Pigment, HALOX</td>
<td>88.00</td>
<td>3.68</td>
</tr>
</tbody>
</table>

High speed disperse to Hegman 6. Caution: Add the following at slow speed. Do not exceed 40°C (104°F)

Beckopox® EP385w | Epoxy Dispersions, Solutia | 507.20 | 55.86 |

SUBTOTAL | 1033.80 | 87.50 |

Part B:
Beckopox® VEH 2106w | Epoxy Dispersions, Solutia | 40.50  | 4.50  |

Deionized Water | 66.66 | 8.00 |

Do not exceed 40°C (104°F) while mixing

SUBTOTAL | 107.16 | 12.50 |

TOTAL | 1140.96 | 100.00 |

<table>
<thead>
<tr>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mix Ratio (by weight)</td>
</tr>
<tr>
<td>Mix Ratio (by Volume)</td>
</tr>
<tr>
<td>Pot-Life (hours)</td>
</tr>
<tr>
<td>% Weight Solids</td>
</tr>
<tr>
<td>% Volume Solids</td>
</tr>
<tr>
<td>PVC</td>
</tr>
<tr>
<td>VOC (g/l)</td>
</tr>
<tr>
<td>pH</td>
</tr>
<tr>
<td>Viscosity-Stormer (Krebs Units)</td>
</tr>
<tr>
<td>Sag Resistance (mils)</td>
</tr>
<tr>
<td>Cross Hatch Adhesion</td>
</tr>
<tr>
<td>Pencil Hardness (7 days)</td>
</tr>
<tr>
<td>MEK D. Rub</td>
</tr>
<tr>
<td>Impact (In-lbs)</td>
</tr>
</tbody>
</table>

Drying Time (ASTM D1640) at 3 mil DFT:
Dry to Touch | 15 Minutes |
Dry Hard | 4 Hours |
Dry Through | 6 Hours |

Recoat Time:
Waterborne | 4-8 Hours |
Solventborne | 16-24 Hours |

Corrosion Resistance:
3-4 mil DFT on sand (or equivalent)
blasted hot rolled steel or 2 mil DFT on Bonderite 1000 panels tested after 7 Days Ambient cure:
Salt Fog (ASTM B 117) | 2000 hours |
Prohesion (ASTM G85) | 2000 hours |
Humidity (ASTM D 4585) | 2000 hours |