

## SELECTION & SPECIFICATION DATA

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|---|---|
| <b>Type</b>                               | Non-fibered Asphalt Emulsion  |
| <b>Description</b>                        | A blend of selected mineral fillers, corrosion inhibitors, and emulsified asphalts that provides excellent protection against corrosion on steel and other metal substrates.  |
| <b>Features</b>                           | <ul style="list-style-type: none"> <li>• Water-based with low VOCs</li> <li>• Very stable - resists separating</li> <li>• Environmentally friendly</li> <li>• Worker friendly</li> <li>• Will wet out slightly oily surfaces</li> </ul> |
| <b>Uses</b>                               | <ul style="list-style-type: none"> <li>• Underbody coating</li> <li>• General corrosion protection</li> <li>• Moisture barrier</li> </ul>   |
| <b>Color</b>                              | Black   |
| <b>Finish</b>                             | Matte   |
| <b>Primer</b>                             | Self-priming  |
| <b>Dry Film Thickness (DFT)</b>           | 3 – 10 mils per coat  |
| <b>Solids Content</b>                     | 35% by weight<br>31% by volume  |
| <b>Theoretical Coverage Rate</b>          | 497 square feet per gallon at 1 mil DFT   |
| <b>Maximum Dry Temperature Resistance</b> | 300°F (149°C)   |
| <b>Limitations</b>                        | Protect from freezing<br>Not for immersion service  |

## SUBSTRATES & SURFACE PREPARATION

|                                    |  |
|------------------------------------|--|
| <b>All</b>                         | Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminants. |
| <b>Previously Painted Surfaces</b> | Consult with ErgonArmor Technical Service Department.                                  |

## MIXING & THINNING

|                 |   |
|-----------------|---|
| <b>Mixing</b>   | Not required  |
| <b>Thinning</b> | Generally not required. Product is thixotropic and will thin under shear. If a reduction in static viscosity is desired, agitate to thin. The addition of water is not recommended. |
| <b>Ratio</b>    | Single component  |

## APPLICATION GUIDELINES

|                          |  |
|--------------------------|--|
| <b>Spray Application</b> | Ertech 2037 is designed for spray application using airless equipment.                                 |
| <b>Airless Spray</b>     | For best results under a wide variety of spray conditions, a 30:1 or higher ratio pump is recommended. |
| <b>Tip Size</b>          | A 0.021 in orifice tip size is recommended.  |
| <b>Hose L/D</b>          | 200 ft (max) x 3/8 in diameter   |
| <b>Whip L/D</b>          | 6 ft (max) x 1/4 in diameter   |
| <b>Pump Packings</b>     | PTFE/UHMWP packings in the spray pump are recommended.   |
| <b>Film Thickness</b>    | A film thickness of up to 20 mils wet can be achieved on vertical surfaces without sagging.            |
| <b>Temperature</b>       | Use in temperatures of 50°F (10°C) or higher for best performance.                                     |
| <b>Brush/Roller</b>      | Ertech 2037 can be brush or roller applied.  |
| <b>Dry-To-Touch</b>      | 2 – 4 hours at 77°F (25°C). Dry times are decreased with air movement over the coating.                |
| <b>Full Cure</b>         | 24 – 48 hours at 77°F (25°C). Cure times are decreased with air movement over the coating.             |

## CLEANUP & SAFETY

|                    |  |
|--------------------|--|
| <b>Cleanup</b>     | Tools and hands should be cleaned with soap and water before the emulsion sets. Dried material can be cleaned with mineral spirits. Spray equipment should be flushed with soapy water then fresh water for short periods of non-use. For longer periods of non-use, a final flush using mineral spirits is recommended. |
| <b>Safety</b>      | Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.   |
| <b>Ventilation</b> | Use in well ventilated areas.  |

## PACKAGING, HANDLING & STORAGE

|   |  |
|---|--|
| <b>Shelf Life</b>                           | 3 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers.   |
| <b>Package Sizes &amp; Shipping Weights</b> | 16 gallon keg – 151 lbs (68 kg)<br>53 gallon drum – 506 lbs (230 kg)<br>275 gallon fiber tote – 2560 lbs (1161 kg)<br>275 gallon IBC tote – 2555 lbs (1159 kg) |
| <b>Storage Temperature</b>                  | 50°F – 110°F (10°C – 43°C)   |
| <b>Storage</b>                              | Protect from freezing. Do not store product outside. Store indoors.  |

### TYPICAL PHYSICAL PROPERTIES

|  |                 |
|--|-----------------|
| Density<br>ASTM D1475-13                   | 8.8 lbs/gal     |
| Solids by weight<br>ASTM D5201-05a         | 35%             |
| Solids by volume<br>ASTM D5201-05a         | 31%             |
| Specific gravity                           | 1.06            |
| Dry-to-touch, 77°F (25°C)<br>ASTM D5895-96 | 2 – 4 hours     |
| Full cure, 77°F (25°C)                     | 2 – 48 hours    |
| Viscosity, 77°F (25°C)<br>ASTM D2983-19    | 3,000 cps       |
| Resistance to oils, greases & solvents     | Poor            |
| VOC<br>ASTM D3960-05                       | 0.2 lbs/gal max |

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