

## **SELECTION & SPECIFICATION DATA**

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| <b>Type</b>                               | Non-fibered Asphalt Emulsion   |
| <b>Description</b>                        | A blend of selected mineral fillers 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</li><li>• Environmentally friendly</li><li>• Worker friendly</li></ul> |
| <b>Uses</b>                               | <ul style="list-style-type: none"><li>• Insulated rail tanker 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>                     | 52% by weight<br>44% by volume   |
| <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>                         | Substrate must be clean, dry and free of contaminants. |
| <b>Previously Painted Surfaces</b> | Consult with ErgonArmor Technical Service.             |

## **MIXING & THINNING**

|                 |  |
|-----------------|--|
| <b>Mixing</b>   | Mild agitation prior to spraying recommended.  |
| <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 not recommended.   |
| <b>Ratio</b>    | Single component   |
| <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. |

## **APPLICATION GUIDANCE**

|                          |  |
|--------------------------|--|
| <b>Spray Application</b> | Ertech 2032 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-inch orifice tip size is recommended.  |
| <b>Hose L/D</b>          | 200 ft (max) x 3/8-inch diameter   |
| <b>Whip L/D</b>          | 6 ft (max) x 1/4-inch 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>Brush/Roller</b>      | Ertech 2032 can be brush or roller applied.  |
| <b>Temperature</b>       | A film thickness of up to 20 mils wet can be achieved on vertical surfaces without sagging.            |
| <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.             |

**PACKAGING, ESTIMATING & HANDLING**

| ITEM#                           | PACKAGING  |
|---------------------------------|--|
| M-2032-000-001                  | Bulk - LB  |
| <b>Theoretical Coverage</b>     | 626 square feet per gallon at 1 mil DFT  |
| <b>Storage &amp; Shelf Life</b> | Estimated shelf life is 6 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 50°F (10°C) or above 110°F (43°C). Protect from freezing. Do not store product outside. Store indoors. |

**SAFETY**

|                    |  |
|--------------------|--|
| <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.  |

**TYPICAL PHYSICAL PROPERTIES**

|  |                       |
|--|-----------------------|
| Density<br>ASTM D1475-13                   | 9.6 lbs/gal           |
| Solids by weight<br>ASTM D5201-05a         | 52%                   |
| Solids by volume<br>ASTM D5201-05a         | 44%                   |
| Specific gravity                           | 1.15                  |
| Dry-to-touch, 77°F (25°C)<br>ASTM D5895-96 | 2 - 4 hours           |
| Full cure, 77°F (25°C)                     | 24 - 48 hours         |
| Viscosity, 77°F (25°C)<br>ASTM D2983-19    | 7,500 cps             |
| Resistance to oils, greases and solvents   | Poor                  |
| VOC  | 0.004 lbs/gal maximum |

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