

## SELECTION & SPECIFICATION DATA

<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 - no settling or separation</li> <li>• Environmentally friendly</li> <li>• Worker friendly</li> </ul>
<b>Uses</b>	<ul style="list-style-type: none"> <li>• Trailers and frames</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>	4 – 8 mils per coat
<b>Solids Content</b>	49% by weight 42% by volume
<b>Theoretical Coverage Rate</b>	674 square feet per gallon at 1 mil DFT
<b>Maximum Dry Temperature Resistance</b>	300°F (149°C)
<b>Limitations</b>	Protect from freezing 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 2031 LV 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 15 mils wet can be achieved on vertical surfaces without sagging.
<b>Brush/Roller</b>	Ertech 2031 LV can be brush or roller applied.
<b>Temperature</b>	Use in temperatures of 50°F (10°C) or higher for best performance.
<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>	6 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers.
<b>Package Sizes &amp; Shipping Weight</b>	16 gallon keg – 162 lbs (73 kg) 53 gallon drum – 544 lbs (247 kg) 275 gallon fiber tote – 2753 lbs (1248 kg) 275 gallon IBC tote – 2748 lbs (1246 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 ASTM D1475-13	9.5 lbs/gal
Solids by weight ASTM D5201-05a	49%
Solids by volume ASTM D5201-05a	42%
Specific gravity	1.14
Dry-to-touch, 77°F (25°C) ASTM D5895-96	2 – 4 hours
Full cure, 77°F (25°C)	24 – 48 hours
Viscosity, 77°F (25°C) ASTM D2983-19	3,500 cps
Resistance to oils, greases & solvents	Poor
VOC	0.2 lbs/gal maximum

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