

## 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> <li>• NSF approved</li> </ul>
<b>Uses</b>	<ul style="list-style-type: none"> <li>• Underbody coating</li> <li>• Pipe and castings 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>	1.5 - 4 mils per coat
<b>Solids Content</b>	41% by weight 36% by volume
<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>	Substrate must be clean, dry and free of contaminants.
<b>Previously Painted Surfaces</b>	Consult with ErgonArmor Technical Service.

## 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 for spray application. When applying by dip application, the addition of water is recommended to maintain a solids level of 41% by weight in the dip tank.
<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 2034 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>	0.019-inch orifice
<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>	Non-sagging up to 12 mils WFT on verticals.
<b>Brush/Roller</b>	Ertech 2034 can be brush or roller applied.
<b>Dip Tank</b>	Ertech 2034 can be applied in dip tank.
<b>Temperature</b>	Use in temperature of 50°F (10°C) or higher for best performance.
<b>Dry-To-Touch</b>	30 minutes 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-2034-000-001	Bulk - LB
M-2034-005-001	Pail - 5 gallons
M-2034-053-001	Drum - 53 gallons
M-2034-275IBC-001	IBC Tote - 275 gallons
<b>Theoretical Coverage</b>	577 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 ASTM D1475-13	9.0 lbs/gal
Solids by weight ASTM D5201-05a	41%
Solids by volume ASTM D5201-05a	36%
Specific gravity	1.08
Dry-to-touch, 77°F (25°C) ASTM D5895-96	30 minutes
Full cure, 77°F (25°C)	24 - 48 hours
Viscosity, 77°F (25°C) ASTM D2983-19	400 cps
Resistance to oils, greases and solvents	Poor
VOC	0.2 lbs/gal maximum

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