

SELECTION & SPECIFICATION DATA

Generic Type	Non-Fibered Asphalt Emulsion
Description	A blend of selected mineral fillers and emulsified asphalts that provide excellent protection against corrosion on steel and other metal substrates.
Features	<ul style="list-style-type: none"> • Water based with low VOC's • Very stable • Environmentally friendly • Worker friendly • Wets out slightly oily surfaces
Recommended Uses	<ul style="list-style-type: none"> • Under-body coating • General corrosion protection • Moisture barrier
Color/Part #	Black (M-2031)
Finish	Matte
Primer	Self-priming
Dry Film Thickness	3 – 10 mils per coat
Solids Content	By weight 49% By volume 41%
Theoretical Coverage Rate	658 ft ² at 1 mil DFT
Dry Temp. Resistance	300°F
Limitations	Protect from freezing Not for immersion service

SUBSTRATES & SURFACE PREPARATION

General	Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminant.
Previous Painted Surfaces	Consult with ErgonArmor Technical Service Department.

MIXING & THINNING

Mixing	Not required
Thinning	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.
Ratio	Single component

Protect from freezing. Use in temperatures of 50°F or higher for best performance. Do not store product outside.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modification to these guidelines to achieve the desired results.

Spray Application Guide	Ertech 2031 is designed for spray application using airless equipment.
Airless Spray	For best results under a wide variety of spray conditions, a 30:1 or higher ratio pump is recommended.
Tip Size	A 0.021" orifice tip size is recommended.
Hose L/D	200 ft (max) x 3/8" diameter
Whip L/D	6 ft (max) x 1/4" diameter
Pump Packings	Teflon/UHMWP packings in the spray pump are recommended.
Film Thickness	A film thickness of up to 20 mils wet can be achieved on vertical surfaces without sagging.
Brush/Roller	Ertech 2031 can be brush or roller applied.
Dry to Touch	2 – 4 hours at 77°F Cure times are increased with air movement over the coating.
Full Cure	24 – 48 hours at 77°F Cure times are increased with air movement over the coating.

CLEANUP & SAFETY

Cleanup	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.
Safety	Read and follow all caution statements on this product data sheet and on the SDS for this product. Use care in handling solvents.
Ventilation	Use in well ventilated areas.

PACKAGING, HANDLING & STORAGE

Shelf Life	6 months at 75°F when kept at recommended storage conditions and in original unopened containers.
Shipping Weight (Approximate)	16 gallon keg – 162 lbs 53 gallon drum – 544 lbs 275 gallon fiber tote – 2753 lbs 275 gallon IBC tote – 2748 lbs
Storage Temperature & Humidity	50° – 110°F
Storage	Protect from freezing. Do not store product outside. Store indoors.

TYPICAL PHYSICAL PROPERTIES

Density, lbs/gal	9.5
Solids, % by weight	49
Solids, % by volume	42
Specific Gravity	1.14
Dry to Touch, 77°F	2 – 4 hours
Full Cure, 77°F	24 – 48 hours
Viscosity, 77°F, cps	16,000
Color	Black
Resistance to Oils, Greases & Solvents	Poor
VOC	0.02 lbs/gal max
Flash Point	N/A

Rev 02/17

SAFETY
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 material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user. Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

ORDERING INFORMATION
For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.