

SELECTION & SPECIFICATION DATA

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 • Very stable • Environmentally friendly • Worker friendly
Uses	<ul style="list-style-type: none"> • Under-body coating • General corrosion protection • Moisture barrier
Color/Part #	Black (M-2030)
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 sq ft per gallon at 1 mil DFT
Maximum Dry Temperature Resistance	300°F (149°C)
Limitations	Protect from freezing Not for immersion service

SUBSTRATES & SURFACE PREPARATION

All	Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminant.
Previously 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

APPLICATION EQUIPMENT GUIDELINES

Spray Application Guide	Ertech 2030 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 in orifice tip size is recommended.
Hose L/D	200 ft (max) x 3/8 in diameter
Whip L/D	6 ft (max) x 1/4 in 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 2030 can be brush or roller applied.
Dry to Touch	2 – 4 hours at 77°F (25°C) Dry times are decreased with air movement over the coating.
Full Cure	24 – 48 hours at 77°F (25°C) Cure times are decreased 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	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.
Ventilation	Use in well ventilated areas.

PACKAGING, HANDLING & STORAGE

Shelf Life	6 months at 75°F (23.8°C) when kept at recommended storage conditions and in original unopened containers.
Package Sizes	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°F – 110°F (10°C – 37.7°C)
Storage	Protect from freezing. Do not store product outside. Store indoors.

TYPICAL PHYSICAL PROPERTIES

Density	9.5 lbs/gal
Solids by weight	49%
Solids by volume	42%
Specific Gravity	1.14
Dry to Touch, 77°F (25°C)	2 – 4 hours
Full Cure, 77°F (25°C)	24 – 48 hours
Viscosity, 77°F (25°C)	16,000 cps
Color	Black
Resistance to Oils, Greases and Solvents	Poor
VOC	0.2 lbs/gal max
Flash Point	N/A
Corrosion Resistance (B117)	750+ hours

Rev 12/18

TERMS AND CONDITIONS OF SALE

While 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 purchase 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. For all Terms and Conditions of Sale see ergonarmor.com.



Division of Ergon Asphalt & Emulsions, Inc.

P.O. Box 1639, Jackson, MS 39215-1639 | 601-933-3381 Fax | 601-933-3595 Phone | 877-98ARMOR Toll-Free | ergonarmor.com