

SELECTION & SPECIFICATION DATA

Type	Fibered Asphalt Emulsion
Description	A trowel-able fibrated blend of selected mineral fillers and emulsified asphalts that provides excellent protection against moisture vapor intrusion in porous substrates such as cement.
Features	<ul style="list-style-type: none">• Water-based with low VOCs• Very stable - resists separating• Environmentally friendly• Worker friendly
Uses	<ul style="list-style-type: none">• Dampproofing• Adhesive for polystyrene insulation• Moisture barrier
Color	Black
Finish	Matte
Primer	Self-priming
Dry Film Thickness (DFT)	3 - 60 mils per coat
Solids Content	50% by weight 50% by volume
Maximum Dry Temperature Resistance	300°F (149°C)
Limitations	Protect from freezing Not for immersion service

SUBSTRATES & SURFACE PREPARATION

All	Substrate must be clean, dry and free of contaminants.
Previously Painted Surfaces	Consult with Armor Technical Service.

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 is not recommended.
Ratio	Single component
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.

APPLICATION GUIDELINES

Application Guide	Ertech 2120 is designed to be trowel or glove applied.
Film Thickness	A film thickness of up to 120 mils wet can be achieved on vertical surfaces without sagging.
Temperature	Use in temperatures of 50°F (10°C) or higher for best performance.
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.

PACKAGING, HANDLING & STORAGE

ITEM#	PACKAGING
M-2120-000-001	Bulk – LB
M-2120-005-001	Pail - 5 gallons
M-2120-053-001	Drum - 53 gallons
Theoretical Coverage Rate	802 square feet per gallon at 1 mil DFT
Storage	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.
<u>SAFETY</u>	
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.

TYPICAL PHYSICAL PROPERTIES

Density ASTM D1475-13	8.2 lbs/gal
Solids by weight ASTM D5201-05a	50%
Solids by volume ASTM D5201-05a	50%
Specific gravity	0.98
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), brass cone pen ASTM D2983-19	360 dmm
Resistance to oils, greases & solvents	Poor
VOC ASTM D3960-05	0.2 lbs/gal max

Rev. 12/2025

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 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. For all Terms and Conditions of Sale see armor-inc.com.