

## **SELECTION & SPECIFICATION DATA**

<b>Generic Type</b>	Polymer Modified Asphalt Emulsion
<b>Description</b>	A blend of polymer and emulsified asphalts that provide a tough, monolithic, rubberized membrane on steel, cementitious, modified bitumen and other substrates.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Water based with low VOC's</li> <li>• Extreme elastomeric properties</li> <li>• Low permeation rates</li> <li>• Excellent chemical resistance</li> <li>• Sag proof</li> <li>• Easily repairable</li> </ul>
<b>Recommended Uses</b>	<ul style="list-style-type: none"> <li>• Waterproofing</li> <li>• Roofing</li> <li>• Moisture/Vapor Barrier</li> <li>• Secondary Containment</li> <li>• Tank Chime Sealant</li> <li>• Retainage Ponds</li> </ul>
<b>Color/Part #</b>	Black (M-3037)
<b>Finish</b>	Matte
<b>Primer</b>	Self-priming
<b>Dry Film Thickness</b>	10 – 30 mils per coat
<b>Solids Content</b>	By weight 58% By volume 56%
<b>Theoretical Coverage Rate</b>	898 ft <sup>2</sup> at 1 mil DFT
<b>Dry Temp. Resistance</b>	300°F
<b>Limitations</b>	Protect from freezing

## **SUBSTRATES & SURFACE PREPARATION**

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

## **MIXING & THINNING**

<b>Mixing</b>	Not required
<b>Thinning</b>	Do Not Thin
<b>Ratio</b>	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.

<b>Spray Application Guide</b>	Waterproof Membrane is designed for brush, roller, trowel, or airless spray 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 0.025" orifice tip size is recommended.
<b>Hose L/D</b>	200 ft (max) x 3/8" diameter
<b>Whip L/D</b>	6 ft (max) x 1/4" diameter
<b>Film Thickness</b>	A film thickness of up to 45 mils wet can be achieved on vertical surfaces without sagging.
<b>Brush/Roller</b>	Can be brush or roller applied.
<b>Dry to Touch</b>	2 – 4 hours at 77°F. Cure times are shortened with air movement over the coating.
<b>Full Cure</b>	24 – 48 hours at 77°F. Cure times are shortened with air movement over the coating.

## **PACKAGING, HANDLING & STORAGE**

<b>Shelf Life</b>	6 months at 75°F when kept at recommended storage conditions and in original unopened containers.
<b>Shipping Weight (Approximate)</b>	5 gallon pail – 47 lbs 16 gallon keg – 149 lbs 53 gallon drum – 501 lbs
<b>Storage Temperature &amp; Humidity</b>	50° – 95°F
<b>Storage</b>	Protect from freezing. Do not store product outside. Store indoors.

## TYPICAL PHYSICAL PROPERTIES

Density, lbs/gal	8.7
Solids, % by weight	56.94%
Solids, % by volume	54.99%
Specific Gravity	1.04
Dry to Touch, 77°F	2 – 4 hours
Full Cure, 77°F	24 – 48 hours
Viscosity, 77°F, cps	75,000
Color	Black
Resistance to Oils, Greases & Solvents	Poor
VOC	0.2 lbs/gal max
Flash Point	N/A
Permeance, 60 mils nominal, ASTM E96 A method	0.14 perms
Permeance, 60 mils nominal, ASTM E96 B method	0.08 perms
Hydrostatic Pressure Resistance, 60 mils nominal, ASTM C 1306	39.2 psi
Low Temperature Crack Bridgeing, 60 mils nominal, ASTM C836	Pass
Immersion Test, 60 mils nominal, ASTM D870-09	Pass
Tensile	87 psi
Elongation	>1, 573%

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**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.