

SELECTION & SPECIFICATION DATA

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| Type | Polymer Modified Asphalt Emulsion |
| Description | A trowel and spray grade blend of polymer and emulsified asphalts that provide a tough, monolithic, rubberized waterproof membrane on steel, cementitious, modified bitumen and other substrates. |
| Features | <ul style="list-style-type: none"> • Water-based with low VOCs • High elongation and tensile strength • Puncture resistant • Low permeation rates • Excellent chemical resistance • Sag resistant • Easily repairable |
| Uses | <ul style="list-style-type: none"> • Waterproofing • Roofing • Moisture/vapor barrier • Secondary containment • Tank chime sealant • Retainage ponds |
| Color | Black |
| Finish | Matte |
| Primer | Self-priming |
| Dry Film Thickness (DFT) | 10 – 30 mils per coat |
| Solids Content | 57% by weight 55% by volume |
| Theoretical Coverage Rate | 898 square feet per gallon at 1 mil DFT |
| Maximum Dry Temperature Resistance | 300°F (149°C) |
| Limitations | Protect from freezing |

SUBSTRATES & SURFACE PREPARATION

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| All | Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminants. |
| Previously Painted Surfaces | Consult with ErgonArmor Technical Service Department. |

MIXING & THINNING

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| Mixing | Not required |
| Thinning | Do not thin |
| Ratio | Single component |

APPLICATION GUIDELINES

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| Spray Application | Ertech 3037 is designed for brush, roller, trowel, or airless spray 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 0.025 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 |
| Film Thickness | A film thickness of up to 45 mils wet can be achieved on vertical surfaces without sagging. |
| Temperature | Use in temperatures of 50°F (10°C) or higher for best performance. |
| Brush/Roller | Can be brush or roller applied. |
| Dry-To-Touch | 2 – 4 hours at 77°F (25°C). Cure times are shortened with air movement over the coating. |
| Full Cure | 24 – 48 hours at 77°F (25°C). Cure times are shortened with air movement over the coating. |

PACKAGING, HANDLING & STORAGE

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| Shelf Life | 6 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers. |
| Package Sizes & Shipping Weights | 5 gallon pail – 47 lbs (21 kg) 16 gallon keg – 149 lbs (68 kg) 53 gallon drum – 501 lbs (227 kg) |
| Storage Temperature | 50°F – 95°F (10°C – 35°C) |
| Storage | Protect from freezing. Do not store product outside. Store indoors. |

TYPICAL PHYSICAL PROPERTIES

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| Density ASTM D1475-13 | 8.7 lbs/gal |
| Solids by weight ASTM D5201-05a | 57% |
| Solids by volume ASTM D5201-05a | 55% |
| Specific gravity | 1.04 |
| 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) D2983-19 | 75,000 cps |
| Resistance to oils, greases & solvents | Poor |
| VOC ASTM D3960-05 | 0.2 lbs/gal max |
| 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 bridging 60 mils nominal ASTM C836 | Pass |
| Immersion test 60 mils nominal ASTM D870-09 | Pass |
| Tensile strength ASTM D2370-16 | 87 psi |
| Elongation ASTM D412-16 | >1,573% |

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TERMS AND CONDITIONS OF SALE

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