

SELECTION & SPECIFICATION DATA

Type	Polymer Modified Asphalt Emulsion
Description	A brush and roll grade blend of polymer and emulsified asphalts that provides a tough, monolithic, rubberized waterproof fire retardant membrane on steel, cementitious, modified bitumen and other substrates.
Features	<ul style="list-style-type: none"> • Water-based with low VOCs • Can be fabric reinforced • High elongation and tensile strength • Puncture resistant • Low permeation rates • Excellent chemical resistance • Sag resistant • Easily repairable • Flame spread resistant
Uses	<ul style="list-style-type: none"> • Waterproofing • Roofing • Moisture/vapor barrier • Secondary containment • Retainage ponds
Color	Black
Finish	Matte
Primer	Self-priming
Dry Film Thickness (DFT)	5 – 11 mils per coat
Solids Content	59% by weight 57% by volume
Maximum Dry Temperature Resistance	300°F (149°C)
Limitations	Protect from freezing

SUBSTRATES & SURFACE PREPARATION

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

SAFETY

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.

MIXING & THINNING

Mixing	Gentle agitation recommended.
Thinning	Do not thin.
Ratio	Single component
Cleanup	Tools and hands should be cleaned with diesel. Spray equipment should be flushed with diesel.

APPLICATION GUIDANCE

Spray Application	Ertech 3136 is designed for brush, roller 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 0.023-inch orifice tip size is recommended.
Hose L/D	200 ft (max) x 3/8-inch diameter
Whip L/D	6 ft (max) x 1/4-inch diameter
Film Thickness	Non-sagging at up to 20 mils WFT on vertical surfaces
Temperature	Use in temperatures of 50°F (10°C) or higher for best performance.
Brush/Roller	Ertech 3136 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.

PACKAGING, ESTIMATING & HANDLING

Package Sizes	5 gallon pail – 45 lbs (20 kg) 16 gallon keg – 143 lbs (65 kg) 53 gallon drum – 480 lbs (218 kg)
Theoretical Coverage Rate	915 square feet per gallon at 1 mil DFT
Storage & Shelf Life	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 95°F (35°C). Protect from freezing. Do not store product outside. Store indoors.

TYPICAL PHYSICAL PROPERTIES

Density ASTM D1475-13	8.8 lbs/gal
Solids by weight ASTM D5201-05a	59%
Solids by volume ASTM D5201-05a	57%
Specific gravity	1.06
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) ASTM D2983-19	25,000 cps
Resistance to oils, greases & solvents	Poor
VOC ASTM D3960-05	0.2 lbs/gal maximum
Permeance 60 mils nominal ASTM E96 A method	0.11 perms
Permeance 60 mils nominal ASTM E96 B method	0.14 perms
Hydrostatic pressure resistance 60 mils nominal ASTM C1306	40 psi
Immersion test 60 mils nominal ASTM D870-09	Pass
Tensile strength ASTM D2370-16	113 psi
Elongation ASTM D412-16	>1,573%

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