

SELECTION & SPECIFICATION DATA

Type	Polymer Modified Asphalt Emulsion
Description	A 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 • Rapid setting • High elongation and tensile strength • Puncture resistant • Low permeation rates • Excellent chemical resistance • Unlimited build can be achieved • Easily repairable
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)	20 – 80 mils per coat
Solids Content	59% by weight 58% 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	Two component. Set ratio through proprietary spray equipment. Consult with ErgonArmor Technical Service.
Cleanup	Tools and hands should be cleaned with diesel. Spray equipment should be flushed with diesel.

APPLICATION GUIDANCE

Spray Application	Ertech 3035 is designed for spray application using proprietary equipment that co-sprays Ertech 3035 and an accelerator that rapidly sets the sprayed film. For information on spray equipment consult with ErgonArmor Technical Service.
Film Thickness	A film thickness of up to 125 mils wet can be achieved on vertical surfaces without sagging. For applying films thicker than 125 wet mils, consult with ErgonArmor Technical Service Department.
Temperature	Use in temperatures of 50°F (10°C) or higher for best performance.
Brush/Roller	Use Ertech 3036/3037 which can be brush or roller applied for surface preparation.
Trowel	Use Ertech 3037 which can be trowel applied for surface preparation.
Dry-To-Touch	15 minutes 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

ITEM #	PACKAGING
M-3035-000-001	Bulk - LB
M-3035-005-001	Pail - 5 gallons
M-3035-053-001	Drum - 53 gallons
M-3035-275DT-001	Disposable Tote - 275 gallons
M-3035-275IBC-001	IBC Tote - 275 gallons

Theoretical Coverage Rate	914 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	8.5 lbs/gal
Solids by weight ASTM D5201-05a	59%
Solids by volume ASTM D5201-05a	58%
Specific gravity	1.02
Dry-to-touch, 77°F (25°C) ASTM D5895-96	15 minutes
Full cure, 77°F (25°C)	24 – 48 hours
Viscosity, 77°F (25°C) ASTM D2983-19	300 cps
Color	Black
Resistance to oils, greases & solvents	Poor
VOC ASTM D3960-05	0.2 lbs/gal max
Permeance 60 mils nominal ASTM E96 A method	0.06 perms
Permeance 60 mils nominal ASTM E96 B method	0.08 perms
Hydrostatic pressure resistance 60mils nominal ASTM C1360	40 psi
Immersion test 60 mils nominal ASTM D870-09	Pass
Tensile strength ASTM D2370-16	103 psi
Elongation ASTM D412-16	1,085%

Rev 12/2021

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 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