



SELECTION & SPECIFICATION DATA

Type	Modified Asphalt Acrylic Emulsion
Description	Fast drying primer/topcoat suited for many industrial applications. Designed to provide good adhesion, water resistance and corrosion resistance, this product has very good weatherability and humidity resistance.
Features	<ul style="list-style-type: none"> • Water-based with no VOCs • Exceptional wetting characteristics • Fast drying • Surface tolerant
Uses	<ul style="list-style-type: none"> • Primer/sealer • Pipe exterior surfaces and support racks • Ductile iron pipe and fittings • Concrete sealer
Color	Black
Finish	Gloss
Dry Film Thickness (DFT)	0.5 – 1.5 mils per coat
Solids Content	38% ± 1% by volume
Limitations	Protect from freezing

SUBSTRATES & SURFACE PREPARATION

All	Substrate must be clean, dry and free of contaminants.
Steel	<p>Immersion: SSPC-SP 10/NACE 2 Near White Metal Blast with angular profile of 2.5 – 3.5 mils.</p> <p>Non-immersion: SSPC-SP 6/NACE 3 Commercial Blast with angular profile of 1.5 – 3.0 mils, SSPC-SP 2 Hand Tool or SSPC-SP 3 Power Tool Cleaning are suitable for mild environments.</p> <p>Self-priming on steel.</p>
Concrete or Concrete Masonry Unit (CMU)	Concrete must be cured a minimum of 7 days at 75°F (24°C) and 50% relative humidity or equivalent. Prepare surfaces in accordance with SSPC-SP 13/NACE 6. Required surface profile is CSP 1. Voids in concrete surfaces may require filling. Mortar joints should be cured a minimum of 15 days.
Previously Painted Surfaces	Consult with ErgonArmor Technical Service.

MIXING & THINNING

Ratio	Single component
Mixing	Not required.

Thinning Thinning is generally not recommended. If necessary, only deionized water should be used. Water for thinning should be added slowly while mixing with gentle to moderate agitation.

Cleanup Clean water

APPLICATION GUIDANCE

Temperature Use in temperatures of 50°F (10°C) or higher and at least 5°F (-15°C) above the dew point for best performance.

Spray Application The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Airless Spray Pump Size: 10:1 or greater
Output: 50 - 500 psi
Hose Length: 200 ft x 3/8 in ID
Whip Length: 20 ft x 1/4 in ID
Tip Size: 0.011 - 0.015 inch

Novocoat Storage Coat 938 should be heated to 50°F (10°C) or above so product will atomize properly in delivering paint to the substrate.

Brush Medium bristle brush

Roller Short-nap synthetic roller cover with phenolic core

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 Provide thorough air circulation during and after application until the material has cured when used in enclosed areas.

CURE SCHEDULE

TEMPERATURE	DRY-TO-TOUCH	DRY HARD
60°F (15°C)	40 minutes	50 minutes
77°F (25°C)	20 minutes	30 minutes
100°F (37°C)	5 minutes	10 minutes

ESTIMATING & PACKAGING

Theoretical Coverage 609 square feet per gallon at 1 mils DFT
Allow for loss in mixing and application.

Package Sizes Black, 50 gal (189 L) Drum
Item #: M-STC938-DRUM-01

Black, 275 gal (1040 L) Tote
Item #: M-STC938-275IBC-01



TYPICAL PHYSICAL PROPERTIES

TEST METHOD	RESULTS
Viscosity at 77°F (25°C) Brookfield LVT SP.2	200 – 400 cps
Pencil hardness ASTM D3363	H
Specific gravity	0.99
pH	8.37 – 8.73
Solids content	38%

TEMPERATURE RESISTANCE

SERVICE	MAXIMUM TEMPERATURE
Dry, continuous	200°F (93°C)
Dry, non-continuous	300°F (149°C)

Temperature limitations will vary with cargo. Consult ErgonArmor Technical Service for guidance.

Discoloration and loss of gloss occur above 200°F (93°C) but do not affect performance.

STORAGE & SHELF LIFE

Shelf Life 12 months at 75°F (24°C) when stored under recommended conditions.

Storage Conditions 40°F – 110°F (4°C – 43°C)
0 – 100% relative humidity

Store indoors. Protect from freezing.

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