

## SELECTION & SPECIFICATION DATA

<b>Type</b>	Modified Asphalt Acrylic Emulsion
<b>Description</b>	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.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Water-based with no VOCs</li> <li>• Exceptional wetting characteristics</li> <li>• Fast drying</li> <li>• Surface tolerant</li> </ul>
<b>Uses</b>	<ul style="list-style-type: none"> <li>• Primer/sealer</li> <li>• Pipe exterior surfaces and support racks</li> <li>• Ductile iron pipe and fittings</li> <li>• Concrete sealer</li> </ul>
<b>Color</b>	Black
<b>Finish</b>	Gloss
<b>Dry Film Thickness (DFT)</b>	0.5 – 1.5 mils per coat
<b>Solids Content</b>	38% ± 1% by volume
<b>Limitations</b>	Protect from freezing

## SUBSTRATES & SURFACE PREPARATION

<b>All</b>	Substrate must be clean, dry and free of contaminants.
<b>Steel</b>	<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>
<b>Concrete or Concrete Masonry Unit (CMU)</b>	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.
<b>Previously Painted Surfaces</b>	Consult with ErgonArmor Technical Service.

## MIXING & THINNING

<b>Ratio</b>	Single component
<b>Mixing</b>	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-inch ID  
Whip Length: 20 ft x 1/4-inch 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

## PACKAGING, ESTIMATING & HANDLING

ITEM #	PRODUCT	PACKAGING
M-STC938-DRUM-01	Novocoat Storage Coat 938	50 gal (189 L) Drum
M-STC938-275IBC-01	Novocoat Storage Coat 938	275 gal (1040 L) Tote

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

**Storage & Shelf Life**

Maintain product in original packaging and sealed until ready for use. Estimated shelf life is 12 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 40°F (4°C) or above 110°F (43°C).

If there is any question with respect to the quality of the components, check reactivity prior to use. Consult ErgonArmor Technical Service for assistance.

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	VALUE
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% ± 1% by volume

**SERVICE TEMPERATURE**

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

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

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

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