

SELECTION & SPECIFICATION DATA

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| Type | Flexible Epoxy Coating |
| Description | This versatile, surface tolerant elastomeric industrial maintenance coating and joint compound offers moderate chemical resistance and outstanding adhesion to a wide variety of substrates including asphalt and concrete. Forms excellent barrier over sand, dirt or rock when applied to suitable geotextiles. |
| Features | <ul style="list-style-type: none"> • 100% solids, no VOCs • Excellent impact resistance • Excellent flexibility, >300% elongation • Moderate chemical resistance |
| Uses | <ul style="list-style-type: none"> • Crack-bridging base coat • Expansion joint filler • Crack filler • Secondary containment lining • Liner over earth and geotextile |
| Color | Light gray, blue |
| Finish | Gloss |
| Dry Film Thickness (DFT) | 15 - 20 mils per coat on horizontal surfaces 6 - 10 mils on vertical surfaces |
| Solids Content | 100% by volume |

SUBSTRATES & SURFACE PREPARATION

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| 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 Units (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 3-5. Voids in concrete surfaces may require filling. Mortar joints should be cured a minimum of 15 days. Prime with Novocoat SC1100 Primer/Sealer. |
| Previously Painted Surfaces | Consult with ErgonArmor Technical Service Department. |

MIXING & THINNING

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| Ratio | 1A:1B by volume |
| Mixing | Mix equal parts of the resin and hardener thoroughly until a color of material is uniform and free of streaks. |
| Thinning | Do not thin |
| Pot Life | 40°F (4°C) 3 hours 75°F (24°C) 2 hours 92°F (33°C) 1 hours 30 minutes Pot life is shorter at higher temperatures. A larger volume of mixed material will have a shorter pot life than a smaller volume. |
| Cleanup | MEK |

APPLICATION GUIDELINES

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| Spray Application Guide | The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco. |
| Airless Spray Plural Component | Contact ErgonArmor Technical Service for guidance. |
| Airless Spray Single Leg or Hot Pot | Tip Size: 0.021-inch Pump Size: 56:1 or greater Output: 3500 – 5500 psi, filter removed Hose Length: 50 ft x 3/8-inch ID Whip Length: 6 – 10 ft x 1/4-inch ID Part A resin and Part B hardener should be heated individually before mixing so product will atomize properly in delivering paint to the substrate. Mixed product should be sprayed within 20 minutes after mixing. |
| Brush/Roller | Can be brush or roller applied. Be aware of work life when using brush or roller application. |

CURE SCHEDULE & RECOAT WINDOW

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|------------------------------|----------|
| Recoat window at 75°F (24°C) | 14+ days |
| Tack free at 75°F (24°C) | 24 hours |
| Full cure at 75°F (24°C) | 7 days |

PACKAGING, ESTIMATING & HANDLING

| ITEM# | PRODUCT | PACKAGING |
|--------------------|---|--|
| M-ER1010-2GLBK-01 | Novocoat ER1000 Elastomeric Liquid Kit Each kit includes: - Part A Resin, Light Gray - Part B Hardener | 20 lbs (9.1 kg) / 2 gal (7.6 L) 12 lbs (5.4 kg) / 1 gal (3.8 L) 8.1 lbs (3.7 kg) / 1 gal (3.8 L) |
| M-ER1050-2GLBK-01 | Novocoat ER1000 Elastomeric Liquid Kit Each kit includes: - Part A Resin, Blue - Part B Hardener | 20 lbs (9.1 kg) / 2 gal (7.6 L) 12 lbs (5.4 kg) / 1 gal (3.8 L) 8.1 lbs (3.7 kg) / 1 gal (3.8 L) |
| M-ER1010-10GLKT-01 | Novocoat ER1000 Elastomeric Liquid Kit Each kit includes: - Part A Resin, Light Gray - Part B Hardener | 60 lbs (27 kg) / 5 gal (19 L) 40.5 lbs (18.4 kg) / 5 gal (19 L) |
| M-ER1050-10GLKT-01 | Novocoat ER1000 Elastomeric Liquid Kit Each kit includes: - Part A Resin, Blue - Part B Hardener | 60 lbs (27 kg) / 5 gal (19 L) 40.5 lbs (18.4 kg) / 5 gal (19 L) |

Theoretical Coverage 267 square feet per gallon at 6 mils
80 square feet per gallon at 20 mils
Allow for loss in mixing and application.

Storage & Shelf Life Maintain products in original packaging and sealed until ready for use. Estimated shelf life is 12 months when stored in a dry area at 70°F (21°C). Actual shelf life may vary with storage conditions.

If there is any question with respect to the quality of the components, check reactivity prior to use. For assistance consult with ErgonArmor.

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.

TYPICAL PHYSICAL PROPERTIES

| PROPERTY | VALUE |
|----------------------------------|-------------------------------|
| Flash point | >240°F (115°C) |
| Impact strength at 80°F (26.5°C) | 65 ft-lb |
| Tensile strength | 287 psi |
| VOC | 0 g/l |
| Elongation | >300% |
| Specific gravity | Resin: 1.44 Hardener: 0.97 |
| Hardness, ASTM D2240 | 60 Shore D |

SERVICE TEMPERATURE

| SERVICE | MAXIMUM TEMPERATURE |
|-------------------|---------------------|
| Dry | 200°F (93°C) |
| Splash/spill | 200°F (93°C) |
| Immersion service | 150°F (66°C) |

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

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TERMS AND CONDITIONS OF SALE

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