

## SELECTION & SPECIFICATION DATA

<b>Type</b>	Flexible Epoxy Coating
<b>Description</b>	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.
<b>Features</b>	<ul style="list-style-type: none"> <li>• 100% solids, no VOCs</li> <li>• Excellent impact resistance</li> <li>• Excellent flexibility &gt;300% elongation</li> <li>• Good chemical resistance</li> </ul>
<b>Uses</b>	<ul style="list-style-type: none"> <li>• Crack-bridging base coat</li> <li>• Expansion joint filler</li> <li>• Crack filler</li> <li>• Secondary containment lining</li> <li>• Liner over earth and geotextile</li> </ul>
<b>Color</b>	Light gray
<b>Finish</b>	Gloss
<b>Primer</b>	Self-priming
<b>Dry Film Thickness (DFT)</b>	15 – 20 mils per coat on horizontal surfaces 6 – 10 mils on vertical surfaces
<b>Solids Content</b>	100% by volume
<b>Theoretical Coverage Rate</b>	1604 square feet per gallon at 1 mil 160 square feet per gallon at 10 mils
<b>Maximum Dry Temperature Resistance</b>	Dry service 200°F (93.5°C) Spill/splash 200°F (93°C) Immersion service 150°F (65.5°C)

## SUBSTRATES & SURFACE PREPARATION

<b>All</b>	Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminants.
<b>Previously Painted Surfaces</b>	Consult with ErgonArmor Technical Service Department

## MIXING & THINNING

<b>Mixing</b>	Mix equal parts of the resin and hardener thoroughly until color of material is uniform and free of streaks.
<b>Thinning</b>	Do not thin.
<b>Ratio</b>	1 part resin to 1 part hardener by volume
<b>Pot Life</b>	40°F (4°C) 3 hours 75°F (24°C) 2 hours 92°F (33°C) 1 hours 30 minutes

## APPLICATION EQUIPMENT GUIDELINES

<b>Spray Application Guide</b>	This is a 100% solids coating and may require adjustments in spray techniques. The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.
<b>Airless Spray</b>	For best results under a wide variety of spray conditions, a 45:1 or higher ratio pump is recommended.
<b>Tip Size</b>	0.021 in orifice
<b>Brush/Roller</b>	Can be brush or roller applied. Be aware of working life when using brush or roller application.

## CLEANUP & SAFETY

<b>Cleanup</b>	MEK
<b>Safety</b>	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.
<b>Ventilation</b>	Use in well ventilated areas.

## PACKAGING, HANDLING & STORAGE

<b>Shelf Life</b>	12 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers.
<b>Package Sizes</b>	2 gallon kit: 10 lbs
<b>Storage Temperature &amp; Humidity</b>	50°F – 110°F (10°C – 43.3°C) 0 – 100% relative humidity
<b>Storage</b>	Protect from freezing. Do not store product outside. Store indoors.

## TYPICAL PHYSICAL PROPERTIES

Flash point	>240°F (115°C)
Impact strength at 80°F (26.5°C)	65 ft lb
Tensile strength	287 psi
Volatile organic compounds (VOC)	0 g/l
Elongation	>300%
Specific gravity	Resin: 1.44; hardener: 0.97

## CURE SCHEDULE & RECOAT WINDOW

Recoat window at 75°F (24°C)	24 hours
Tack free at 75°F (24°C)	48 hours
Light traffic at 75°F (24°C)	7 days
Full cure at 75°F (24°C)	7 days

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