



(ERS-7000 Liquid Elastic) (Liquid Grade)

ER2000 Data Sheet

PRODUCT PROFILE:

ER2000 100% Solids Elastomeric Industrial Maintenance Coating for Metal and Concrete Substrates

ER2000 is a versatile, elastomeric coating and joint compound that can be used as:

- Sealant for secondary containment and other structures,
- Crack-bridging base coat for other coatings,
- Pourable joint compound for expansion joints or large stress cracks,
- Topcoat on substrates subject to cracking, high vibration or other movement.

ER2000 offers respectable chemical resistance and good UV stability. ER2000 has outstanding adhesion, can be applied to a wide variety of surfaces and tolerates less than ideal surface conditions. ER2000 can be applied to both asphalt and concrete secondary containment structures and can also be applied over geotextiles to form excellent barriers over sand, dirt or rock.

TYPICAL APPLICATIONS:

- Concrete Base Coat
- Concrete & Metal Topcoat
- Expansion Joints
- Secondary Containment Structures
- Large Stress Cracks

PRODUCT FEATURES AND BENEFITS:

- 100% Solids, No VOCs
- Excellent UV Stability
- Excellent impact resistance and corrosion protection

CHEMICAL RESISTANCE:

- Ammonium Hydroxide up to 15%
- Ethyl Alcohol
- Hydrochloric Acid up to 37%
- Methyl Isobutyl Ketone
- Phosphoric Acid up to 70% (fair)
- Sodium Hydroxide up to 50%
- Sodium Hypochlorite up to 10%
- Sour Crude Oil
- Sulfuric Acid up to 60%
- Toluene

PHYSICAL PROPERTIES

Color	Gray	
Container Size	1 & 2 gallons	
Flash Point	> 240°F (115°C)	
Impact Strength @ 80°F (26.5°C)	65 ft. lbs	
Tensile Strength	>4000 psi	
Volatile Organic Compounds (VOC)	0 grams/liter	
Mix Ratio by Volume	1:2 (Resin:Hardener)	
Elongation	150%	
Specific Gravity	Resin: 1.45	Hardener: 1.01
Coverage per Gallon (Theoretical)	160 sq. ft./10 mils thickness	
Weight per Gallon	9.86 lbs	

POT LIFE

40°F (4°C)	3 hours
75°F (24°C)	2 hours
92°F (33°C)	1 hour 30 minutes



SERVICE TEMPERATURE

Exposure	Maximum Recommended Temperatures
Dry Service	200°F (93.5°C)
Spill/Splash	200°F (93°C)
Immersion Service*	150°F (65.5°C)

*For immersion with solvents, mineral acids, or alkaline solutions over 150°F, please consult factory

CURE TIME (AT 75°F OR 24°C)

Re-coat Window	24 hours
Tack Free	48 hours
Light Traffic	7 days
Full Cure	7 days

ORDERING INFORMATION

For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.

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