

Revised on April 2012

ER 2000 SERIES ELASTOMERIC LIQUID

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

PRODUCT FEATURES and BENEFITS:

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

CHEMICAL RESISTANCE

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

PHYSICAL PROPERTIES

Color	Dark Gray (ER 2910)
Container Size	1 gallon kits
Flash Point	greater than 240°F (115°C)
Impact Strength @ 80°F (26.5°C)	65 ft. lbs
Tensile Strength	greater than 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
Cure Time @ 75°F or 24°C: Re-coat Window	24 hours
Tack Free	48 hours
Light Traffic	7 days
Full Cure	7 days

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

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 material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.

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