

ERGENE[®]

CHEMICAL GENERAL MAINTENANCE

Technical Data Sheet

ER.809. Zinc Cold Galvanize

DESCRIPTION

ERGENE ER. 809 Zinc Cold Galvanize is a fast drying coating that protects steel and ferrous metal exposed to severe corrosive environments. That high performance epoxy compound fuses zinc to the metal substrate and protects against corrosion equal to Hot Dip Galvanizing. The finished film contains over 90% Zinc Oxide that protects the surface, even when penetrated or scratched, as an insoluble Zinc Oxide Coating that forms over the expose area.

ERGENE ER. 809 Zinc Cold Galvanize is Highly Resistance to Salt Corrosion and water. It is fomulated for heavy maintenance, and is used on exterior surface subjected to severe corrosion and rust.

BENEFIT

- Easy to apply.
- Fast drying.
- Highly resistant to salt corrosion and water.
- High performance.

Technical Data

Appearance	Bright
Content	500 ml/can
Melting Point	>700°F
Flash Point	>500°F
Coverage per can	1 Mil = 25 Sq.Ft
Zinc Content	95% in dry film
Drying Time	5 Minutes to Touch 12 Hours to Total Cure
Temperature Resistance	400F – Sustained 600F – Intermittent

APPLICATION

Surface subject to severe corrosion and rust conditions, such as fences, gutters, bridges, structure steel, wrought iron, farm equipment, ideal as a maintenance spray for highways, food plant, power plant, refineries or damaged galvanized surface.

PACKAGING 500 ml/can (12 can/box)

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STANDAR OPERATION PROSEDURES ER. 809 Zinc Cold Galvanize

SURFACE PREPARATION

New Steel: Surface must be dry and free of contamination. Remove all weld splatter and grind all rough welds and sharp edges to a smooth contour. For severe exposure (immersion, chemical, etc) near white blast clean.

Previously Painted Surface: Must be free of oil, grease or other contamination. For best results, spot blast exposed areas to be primed. Power tool brushing or paper sanding may be used for minor touch-up.

SPRAYING

Shake can for 30 second after agitator ball begins to rattle. Spray dry-prepared surface in event passes until completely covered and wet. Apply a second coat after 10 to 15 minutes for additional protection. Double lap all welds, seams, corners & edges to ensure film thickness. Coating will dry to the touch within 15 minutes and will cure overnight. Baking for 10 minutes at 300 degrees F will speed curing.

CAUTION

CONTENTS ARE EXTREMELY FLAMMABLE AND UNDER PRESURE.

Storage below degrees 120 F, away from heat sources and out of direct sunlight. Do not puncture or incinerate (burn). Use in well ventilated areas. Harmful or fatal if swallowed. Never use direct heat to warm aerosol cans! Only warm water.

PROTECTIVE MEASURES

Respirator Protection	: Must be used if air concentration exceeds accepted level
Protective Gloves	: Polyethylene or Neoprene.
Ventilation	: Local exhaust is adequate.
Other Protective Equipment	: Protective clothing.
Hygienic Work Practices	: Minimize breathing vapor, mist or fumes.

FIRST AID

If swallowed, **DO NOT** induce vomiting. Contact physician immediately. In case of eye contact, flush immediately with clear water for a minimum 15 minutes and seek medical attention. For skin contact, wash with soap and water. If overcome by vapors, remove to fresh air.