



Zinc-It® Instant Cold Galvanize

Zinc-It® Instant Cold Galvanize is a >93% pure zinc, sacrificial coating that protects ferrous metals from oxidizing. The high purity, zinc-rich formula creates a galvanic barrier between the environment and the base metal to prevent the formation or spread of rust and corrosion.

Electrochemically bonds to metal surfaces.

- ▶ **Quick drying.** Dries to the touch in 15 to 30 minutes. Allows treated parts to be handled quickly
- ▶ **Protects ferrous metals** substantially longer than zinc paints
- ▶ **Highly resistant to scratching, abrasion, denting, corrosive environments, salt air, moisture and road salts**
- ▶ **Excellent weldability**

Ideally suited for a variety of environments including marine, utility, refinery, water treatment, chemical processing, pulp & paper, steel manufacturing, general maintenance and repair.



CRC Part #	Container Size	Net Weight	UPC Code
18412	16 oz aerosol	13 oz	0 78254 18412 8
18413	1 gallon can	1 gal	0 78254 18413 5

Made in USA 



Your Best Solution™

Customer Service: 800-272-4620
Technical Assistance: 800-521-3168
www.crcindustries.com/ei



CRC Industries is a worldwide leader in the production of specialty chemicals for maintenance and repair professionals serving industrial, electrical, aviation, automotive and marine markets. CRC is ISO 9001:2008 certified and adheres to the strictest guidelines for quality in all facets of research, development and production.



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Zinc-It® Instant Cold Galvanize

DIRECTIONS: *Important – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths. Product is flammable during dispensing – turn off sources of ignition prior to use.*

PREPARATION:

NEW STEEL - Surface must be dry and free of contamination. Remove all weld spatter and grind all rough welds and sharp edges to a smooth contour. For severe exposure (immersion, chemical, etc.) near-white blast clean per SSPC SP 10-63T. For other exposures, blast clean per SSPC SP 6 - 63 to a maximum profile of 1.5 mils.

PREVIOUSLY PAINTED SURFACES - Must be free of oil, grease or other contamination. For best results, spot blast exposed areas to be primed. Power tool brushings may be used for minor touch-up.

APPLICATION: Surface should be dry, above 50°F, and free of rust bloom.

AEROSOL: Shake well until agitator ball is free. Repeat while using. Best results are obtained when sprayed between 50°F-90°F. Spray from 12-15 inches away in light, even coats. Additional coats for heavy film can be applied when first coat is dry. When finished spraying, clean valve by turning can upside down and pressing button until only pressure escapes. If clogging occurs, remove button and clean slot and orifice with fine wire.

BULK: For air atomized spray, reduce 5-10% with Aromatic 100 Solvent, or Xylene for improved atomization. Fluid tips of .070" and air caps delivering 9-10 CFM at 30# PSI are acceptable. A 3/8" to 1/2" material hose is recommended. For airless spray, use .023 - .029 tips with 900 - 1800# fluid pressure. Material should be kept under constant slow speed agitation during use. Double lap all welds, seams, corners and edges to insure proper film thickness. Make even, parallel passes with 50% overlap to provide uniformity.

TYPICAL PROPERTIES Zinc-It® Instant Cold Galvanize	
Type of Film	Dry matte finish
Dry Film Thickness	1.5- 3 mils
Corrosion Resistance	500 hrs. ASTM-2247 (humidity) 1000 hrs. ASTM-B117 (salt fog)
Dry Time	30 minutes for handle
Cure Time (Full cure)	8 hours
Recoat	Within 8 hrs
Aerosol Coverage (dry)	28 to 32 sq. ft @3 mil
Bulk Coverage (dry)	674 sq. ft @1 mil
Odor	Solvent
Appearance	Grey, viscous liquid
Vapor Density	>air
Shelf Life	2 years



Recommend for use on threads, exposed edges, fasteners, conduit, strapping, welds, fencing, railings, grates, electrical poles, breaker panel housings, rain spouts, signs, doors, trailers, waste containers, catwalks, guard rails and more.

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