



SUPERIOR ZINC COATING TECHNOLOGY for the protection of iron and steel





More than 50 years of PROVEN RUST PREVENTION

For more than half a century the ZRC family of corrosion-preventative products have been delivering maximum protection against rust and rust creepage.

ZRC's secret is its industry-leading 95% zinc content and exclusive binder. Together they deliver true galvanic protection that has been proven as the most effective method to extend the service life and maintenance cycles of metals.

How effective is ZRC? Independent laboratories have designated ZRC as the equivalent of hot-dip galvanizing, which had long been recognized as a primary method of protecting metals. Because of its unique properties, ZRC has been widely accepted as a convenient and effective alternative to hot-dip.

Architects, engineers and original equipment manufacturers (OEMs) specify ZRC products for long-term corrosion control because of our

superior product performance, environmental friendliness and reputation for quality assurance (backed by our ISO 9001 quality system registration).

In addition to being a substitute for hot-dip galvanizing, ZRC is used extensively in the following areas:

- High performance primer for a variety of topcoats
- Field repair of damaged hot-dip galvanizing
- Regalvanizing of worn hot-dip galvanizing
- Repair of weldments
- Repair of damaged inorganic zinc coatings

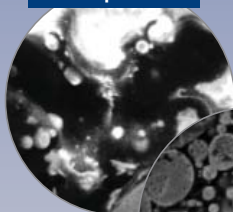
ZRC excels in long-term protection of structural steel, waste and water facilities, power plants, transmission towers and antennas, and steel decking and bridges. It is also commonly used by OEMs as an in-plant substitute for hot-dip galvanizing.



THE PROOF IS IN THE PHOTOS

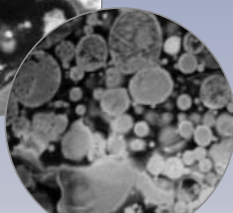
These photographs clearly illustrate the difference between the true galvanic protection of ZRC and GALVILITE and a competitor's low percentage zinc coating.

Competitor



Competitor: Low percentage zinc coating

Scanning electron microscope photo shows wide gaps between zinc particles filled with insulating resin which blocks the flow of electrical current
—no galvanic action!



ZRC

ZRC: 95% "ultra pure" zinc ZRC

Scanning electron microscope photo shows zinc particles in close contact with each other allowing the flow of electrical current
—true galvanic corrosion protection!

Product Guide

Find the right ZRC product for your application.



ZRC

Galvilitite

ZRC 221

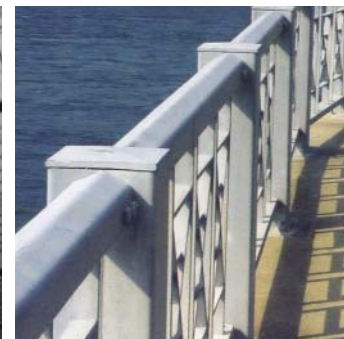
ZERO VOC

	ZRC	Galvilitite	ZRC 221	ZERO VOC
Specifications	Equivalent to hot-dip galvanizing	●	●	●
	Meets VOC standards in all 50 states	●	●	●
	Cleans with water			●
	Single coat coverage	●	●	●
	Easy surface preparation	●	●	●
Characteristics	Finish	Flat medium grey	Shiny silvery grey	Flat light grey
	Can be topcoated	●	●	●
	Apply by brush, roller or spray	●	●	●
	Available in aerosol	●	●	
	Abrasion resistance	Good	Good	Good
Environment	High heat - 350°F constant - 750°F intermittent	●	●	●
	Extremely high heat - 1,200°F constant - 1,700°F intermittent			●
	Immersion	●	●	●
	Severely corrosive	●	●	●
	Restrictions on VOC	Good	Good	Better

THE ZRC DIFFERENCE

The ZRC difference is made possible by ZRC's high zinc content (95% by weight in the dried film) of "ultra pure" (ASTM D 520 Type III) zinc dust, ensuring that more metallic zinc is available for superior galvanic protection against corrosion. This high purity zinc dust is compounded with a tenacious non-encapsulating binder using a highly controlled trade secret process in our state of the art manufacturing facility.

The result is a self-healing galvanic film that does not require sandblasting for most applications, providing both up front labor savings and extended longevity of corrosion protection. We offer a Certificate of Compliance to these exacting material standards and a copy of our most recent ISO Registration Certificate.



APPLICATIONS

- Bridges
- Construction
- Fabrication
- Industrial Maintenance
- Structured Steel
- OEM Manufacturing
- Power Plants
- Off-Shore Rigs
- Antennas
- Public Projects
- Transmission Towers
- Water & Waste



ZRC Worldwide has been registered to the International Organization for Standardization ISO 9000 Series Standards for Quality. The fact that ZRC is registered by UL to ISO 9001 assures our customers that the zinc-rich coatings manufactured in our facility are designed and manufactured according to the most stringent quality control standards, so you can rely on their consistency.

For specification assistance, application assistance, test reports and product selection please contact our customer support at (800) 831-3275 or our website www.zrcworldwide.com.



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