

# High Purity Zinc Anodes

For Galvanic (Sacrificial) Cathodic Protection



## Dependable

Zinc anodes have, for many decades, been a mainstay choice of anode for the effective and economical prevention of corrosion on metallic structures. Most suited to low-resistivity soil environments, zinc anodes provide an evenly distributed output that ensures permanent or intentionally temporary protection in a variety of situations. Corrosion Service offers a range of high quality zinc anodes that have undergone technologically advanced production techniques, to maintain a consistent chemical composition. This technique yields an anode which, due to its purity, can produce a higher level of cathodic protection current than standard anodes, to more efficiently and effectively prevent corrosion.

## Flexible

Ensuring that materials arrive on site safely, on time and within budget requires precision, dedication and a high level of coordination. Corrosion Service is dedicated to meeting customers' expectations in this regard and this is why we continue to invest in our supply chain systems and processes.

Operating from hub locations on the East and West coasts of North America, our supply chain program is built upon a strong backbone of industry-leading Enterprise Resource Planning software and dedicated professionals. This infrastructure provides us with an unrivaled ability to dispatch in-stock items at short notice to any project in the world and provide project focused storage solutions that reduce risk.

## Features & Benefits

- + Alloy composition conforms to international standards for Zinc Anodes, ASTM B418 Type II.
- + Open circuit potential 1.1 Volts.
- + Typical minimum current efficiency of 90%.
- + Standard wire is 5m orange. Custom size, color, type and length can be provided to suit individual project or client requirements.
- + Stock held at regional distribution centers and available at short notice throughout North America.

Anode Type	Net Weight (Bare Anode)		Gross Weight (Packaged)		Standard Packaging			
	Lbs.	Kg	Lbs.	Kg	Diameter		Length	
					Inches	mm	Inches	mm
6S14ZP	6	2.72	16	7.26	4	102	16	406
12S14ZP	12	5.44	28	12.7	4	102	28	711
24S14ZP	24	10.89	60	27.22	4	102	52	1321
30S14ZP	30	13.61	72	32.66	4	102	64	1626

## Alloy

ASTM Specification B418 Type II.

## Packaging

Anodes can be provided bare, packaged in a water permeable cardboard tube, or cotton bag.

## Wire

Typical 5 meter (16.4 ft.) RWU #12/7 STR orange lead wire, silver soldered to ¼ inch diameter electro-galvanized steel core extending 100% of the anode length.

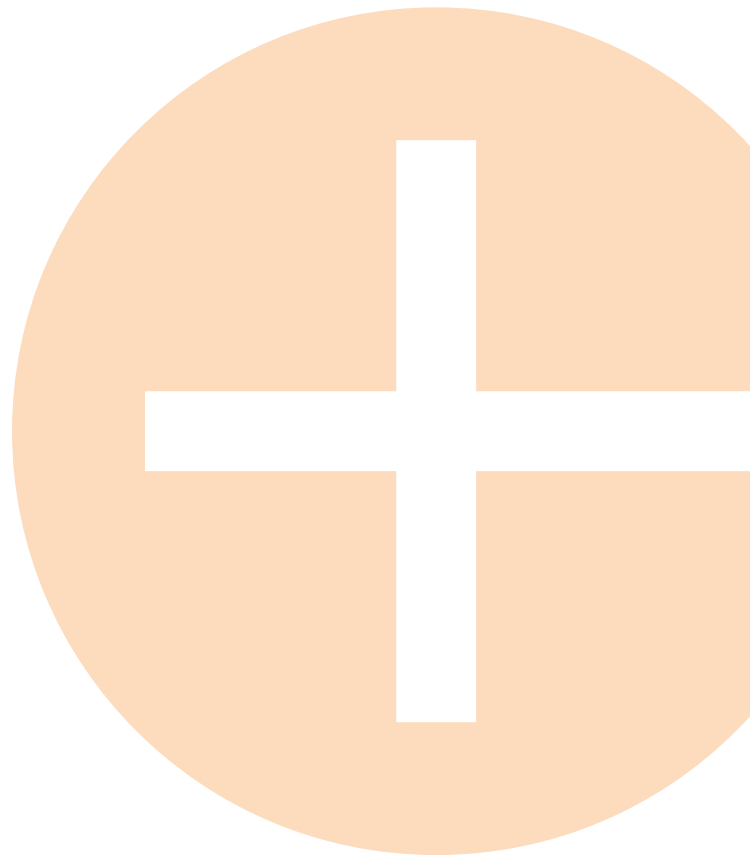
## Backfill

Industry standard low resistivity,  
quick wetting prepared backfill:

Ground Hydrated Gypsum	77% ± 1%
Powdered Wyoming Bentonite	15% ± 1%
Anhydrous Sodium Sulphate	8% ± 1%

## Options

The cable size, colour, type and length can be customized to suit individual project requirements.



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