

Black Ziron

Combining extended corrosion resistance and durability

Anoplate's **Black Ziron** is a proprietary electro-deposited zinc-iron alloy which provides excellent corrosion resistance and durability over conventional zinc plating.

Black Ziron uses proven alkaline, non-cyanide plating chemistry for even thickness distribution and excellent alloy distribution, ensuring that the corrosion benefits of the alloy reach in to the deepest geometries.

Black Ziron utilizes silver-free black chromate post-treatment. This ensures that the color will not fade to green over time, like conventional black zinc plating. Additionally, since there are no precious metals in the chromate, the cost of Black Ziron will not fluctuate with the silver market.



SPECIFICATIONS

- ❖ ASTM B 842
(Electro-deposited Coatings for Zinc Iron)
- ❖ General Motors 6280M
(Corrosion Protective Zinc Alloy Plating)

KEY ADVANTAGES

- ❖ Deep, black color
- ❖ Excellent durability
- ❖ Even alloy distribution
- ❖ Superb corrosion resistance
- ❖ Uniform thickness
- ❖ Fine grain
- ❖ Low-stress

PERFORMANCE*

Alloy/ Chromate	White Rust	Red Rust
Black Ziron	250	800
Zinc-Cobalt/ Black	200	500
Zinc-Cobalt/ Yellow	250	500
Zinc - Tin/ Black	100	500
Zinc/ Yellow	100	200

*Based on ASTM B117 Neutral Salt Spray (5%)
Testing at 0.0002" thickness