



Product Information

High Performance Zinc Spray

Formulated with 90% + Zinc...meets and exceeds ASTM A780 specifications for touch-up and repair of Hot Dip Galvanize



High Performance Zinc Spray is a fast drying zinc compound spray that protects steel and ferrous metals exposed to severe corrosive environments. It is formulated for heavy maintenance, and is used on exterior surfaces subjected to severe corrosion & rust conditions. This high performance epoxy compound fuses zinc to the metal substrate and protects against corrosion equal to Hot Dip Galvanizing.

The finished film of HP Zinc Spray contains > 90% Zinc in the dry film. It protects the surface, even when penetrated or scratched, as an insoluble Zinc Oxide coating that forms over the exposed area. High Performance Zinc Spray meets and exceeds ASTM A780 specifications, and is widely used for recoating and touching-up damaged galvanized surfaces.

After curing, the HP Zinc film may be coated with conventional primers and finishes such as epoxy, urethanes, acrylics & chlorinated rubber. High Performance Zinc Spray is highly Resistant to salt corrosion & water.

Surfaces Include

- Structural Steel
- Wrought Iron
- Welds
- Bridges
- Fences
- Automotive Panels
- Damaged Galvanized Surfaces
- Gutters
- Food Plants
- Refineries
- Off shore rigs

Features:

- 90% Organic Zinc in Dry Film
- Long Term Corrosion Protection
- Meets ASTM A780 Specifications
- Provides the equivalent protection of Hot Dip Galvanize to damaged Galvanized surfaces.
Self-healing: provides protection even when scratched.

Mil & ASTM Specs

P-26915A.....	Primer for Steel (USAF)
P-21035.....	Repair of Hot Dip Galvanizing
P-46105.....	Weld through Primer
ASTM A239.....	Comparable to Hot Dip Galvanizing
ASTM D-1748.....	will pass 1,000 + hours in the 5% Salt Spray Booth
ASTM-A 780-80.....	minimum of 92% zinc by weight.

Specifications

Product Code	HP Zinc
Appearance	Gray
Can Size	16 fl. oz.
Net Weight	14 oz. net wt.
Packing	12 x 14 oz. net wt. cans per case
Coverage per Can	1 Mil = 25 Sq. Ft. 2-1/2 Mil = 10 Sq. Ft.
Zinc Content	90+% in Dry Film
Drying Time	5-Minutes to Touch 12-Hours to Total Cure
Temperature Resistance	400°F – Sustained 600°F – Intermittent

Contains

Zinc Dust (CAS #7440-66-6), Toluene (CAS #108-88-3), Isobutane (CAS #75-28-5), Propane (CAS #74-98-6) & Naptha (CAS #8030-30-6)

Packaging

1-case (12 x 14oz net wt) F.O.B. Phila, PA U.S.A.
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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 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.

SPRAYING:

Shake can for 30-seconds after agitator ball begins to rattle. Spray dry-prepared surface in even 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° F will speed curing.

For More Information, Contact:

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