



# ZINC METAL SPRAY

## Surface and anti-corrosion coating

Long-term cathodic corrosion protection  
bright color shade matching hot-dip galvanization



### ZINC METAL SPRAY

Aerosol Cold Galvanizing Paint Spray (made by using 99 %+ Pure Zinc Flakes) For the highest ANTI-CORROSION for Mild Steel and Galvanized Steel Fabrications.

### OFFERS GALVANISING FINISH

QUALITY CERTIFICATION & STANDARD PARAMETERS: Our ZINC METAL SPRAYS contain 93-97% ZINC Metal Flakes in the DFT (Dry Film Thickness), the Zinc Metal Purity being 99%+, pass 500 Hrs.+ of Salt Spray Test. All these tests are carried out by reputed third Party Analytical Labs, accredited to NABL. These properties eliminate the use of Red Oxide or Zinc Chromate or Zinc Phosphate Anti Rust Primer.

Our Zinc Sprays conform to the requirements of ASTM A 780, ASTM 446, IS 2629, IS 4759, and BS 729.

### USES

Solar Ground & Roof Mounting Structures, Cable Trays, GI Gratings, Purlins C & Z, Perforated Sheets, Earthing Materials, Ladders, Strut Channels, Transmission Line Towers & Sub-Station Structures, Pre-Engineered Buildings, Scaffoldings & Formworks, Girder Bridges, Pre-Fabricated Structures, Portable Cabins, Industrial Sheds, Telecom & Signal Towers, GI Tubes, Pipes, Canopies, Guard Rails, Poles Power Plant Equipment & Structures, Nuclear Plant Equipment, Shipbuilding, Ship Repairs, Shipyards, Heavy Water Plants and Equipment's, MS Fabricated Tanks in HVAC & Air-Conditioning, Off-Shore Construction Firms / Fabricators.

### TECHNICAL DATA

Colour	matching hot - dip galvanizations	
Application area	indoor and out door use	
Binder	PURE acrylic resin	
Pigment	flaky zinc and aluminium pigments	
Pigment purity	ca. 99.9% Zn / ca. 99.5% Al	
Metal content in dry film	~70%	
Processing temperature	+5°Cto+35°C, ideally +18°Cto+35°C	
Recommended primer	Zinc Spray	
Consumption	per 1.5 cross wise application	150 ml/m <sup>2</sup>
Layer thickness with 1.5 crosswise applications approx.	20-40µm	
Dust-dry	15min.	
Cured after	10-12h	
Paintable	after 24h	
Cross cutting	DIN 53151 / ISO 2409	Cross cutting test value 0 to 1
Abrasion-resistant	yes	
Cylindrical mandrel bend test	DIN EN ISO 1519	no hairline cracking
Topcoat	not required	
Density	1,0g/cm <sup>3</sup>	
Temperature resistance	-50°Cto + 300°C	
Shelf life Approvals / Guidelines	24mon.	
ISSA Code	53.402.07	
IMPA Code	450812	
IKS	DIN EN ISO9227-NSS / 576 hours	

### SURFACE PRE - TREATMENT

Clean and degrease surfaces with MIRACLE Surface Cleaner.

### PROCESSING

Shake can before use until the mixing ball can be heard clearly. Spray on evenly and crosswise at room temperature (approx. 20°C) and at about 25 cm distance from the surface. Dust-dry after approx. 15 minutes, fully hardened after approx. 10-12 hours.

### STORAGE

Pressurized container. Protect from direct sunlight and temperatures above +50°C.

### INSTRUCTIONS OF USE

When using MIRACLE products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets ([www.miracleaerosol.in](http://www.miracleaerosol.in)) must be observed.

### PACKING SIZE

Low pressure

Nominal capacity 500ml

Heat resistance of packing <50°C

Box (25 units)

333 X 333 X 217



### Miracle Aerosol Industries

# Plot No: 14, B-8 ( P-9), TSIC, I.D.A, Moula-Ali, Hyderabad - 500 040, Telangana State (India)

Office No: 040-24440046 / 47

email:sales@miracleaerosol.com

Website : [www.miracleaerosol.com](http://www.miracleaerosol.com)

email:info@miracleaerosol.in

Website : [www.miracleaerosol.in](http://www.miracleaerosol.in)