



SELCO ZINC

INTRODUCTION: A lasting protection and touch-up for galvanized or painted steel

Many electrical installations are held or covered by steel structures. Zinc in molten form has been used for a long time to protect such structures. It can, however, not be applied once the steel has reached its final form or be used "in place".

SELCO Zinc offers the protection of hot dip galvanizing plus the convenience of on-the-job application. It is a zinc-rich coating which contains 95% pure zinc in an epoxy-ester binding resin with the following main properties:

- Stops rust and provides galvanic protection to metals
- Electrochemically bonds with metal base
- Protects metal, even when scratched
- Single component system with extended shelf life
- Excellent paint primer.

SELCO Zinc forms a tough, flexible and conducting coating of zinc metal which actually bonds with the metal base. Through galvanic action this coating protects against rust and rust creepage, even when scratched or abraded, because it sacrifices itself to protect the metal base and keeps on protecting. Therefore rust cannot spread or creep under SELCO Zinc.

TYPICAL APPLICATIONS:

- Wherever a galvanized surface has been damaged or altered by drilling, cutting, welding, threading or other handling.
- To protect smaller structures or limited areas to replace hot dip galvanizing(hence the name "cold galvanizer").
- As a primer to replace red lead with the advantage of saving later stripping, cleaning and re-application over regular periods of time.
- Coastal and shipborne installations subject to severe salt Water corrosion.

Utilities, generating stations, transmission towers, transformers, underground equipment, substations, of-shore oil rigs, ship, airplane hangars, railroad equipment, street lighting, welding, panel boxes, radio and TV relay towers, metal electrical enclosures, mining equipment, signs and sign posts. etc.



DIRECTIONS:

- Apply only to clean, dry surfaces because galvanic protection depends mainly on intimate contact of zinc particles with the bare metal.
- On severely rusted surfaces loose scale should be wire-brushed. Grease and dirt should be removed with SELCO ZINC.

PHYSICAL PROPERTIES:

Appearance	off white
Flash Point (Open cup)	28°C
Specific Gravity (20°C)	2,51
Corrosion Resistant	yes
Temperature resistance should not exceed	150°C
Dry time to touch & to recoat	60 seconds
Average Film Thickness:	
Aerosol	10 microns
Shelf life	Unlimited