

Specialty Chemical Manufacturers for Industry, Biosecurity and Aviation

ZINC GUARD (SILVER)

Code 1481

A Zinc Rich Coating for Providing Long Lasting Corrosion Resistance

INTRODUCTION

The Silver Zinc Guard is a fast drying, high solids, and high performance epoxy zinc rich coating designed to protect steel against corrosion and at the same time impart a silver appearance to the overall finish. The Silver Zinc Guard imparts corrosion resistance via inhibition, (presence of epoxy binder and metallic pigment) and sacrificial protection (via zinc dust).

The Silver Zinc Guard is ideal to touch up and hide welded joints on metal structures and is suitable on all types of ferrous (mild and heavy gauge steel) substrates.

SURFACE PREPARATION

1. The metal iron surface must be cleaned thoroughly and be free of any low surface tension modifiers such as dust, wax, grease, oils and anti-rust additives (that are applied to metal by steel manufacturers to prevent corrosion).
2. Remove all traces of rust by wire brushing or mechanical sander until sound metal surface is achieved.
3. Wipe the surface clean with solvent and a rag to remove traces of iron filings that may have been generated during the sanding operation. Allow the surface to dry thoroughly.
4. Do not use rust converter as this will lead to gassing and bubbling in the Silver Zinc coat due to acid of the rust converter reacting with zinc dust and thus rendering it inactive.

ADJUST SPRAY PATTERN

The fan jet may be adjusted for horizontal or vertical spraying by lifting off the head (Actuator) and turning the yellow tip to vertical or horizontal position.

SPRAY APPLICATION

- Shake the can thoroughly for 2 minutes to ensure even distribution of components.
- Ensure ball is rattling freely.
- Shake occasionally during use.
- Hold the can approximately 30 cm from the surface.
- Depress valve head and spray with smooth even strokes horizontally then vertically. Apply several light coats rather than one heavy coat.

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DRYING AND RECOATING

The Silver Zinc will dry to handle in 30 minutes and can be recoated after 1 hour. Allow longer drying during cold winter conditions. It is best to apply at temperatures in the range 15 - 30 °C. The Silver Zinc will fully cure within 1-2 days. It does not require a topcoat but can be over coated with acrylic or epoxy paint.

COVERAGE

Approximately 1.2 square meters per can. Coverage is also dependant spraying technique.

DURABILITY

When applied at 35 microns dry film thickness, the Silver Zinc will provide a minimum of 4/5 years of service on exterior exposure. Higher film thickness will prolong longevity. Recoating at intervals will serve to repair damaged areas and prolong the coating's life.

CLEAN UP

After use turn the can upside down and spray until jet clears. Any overspray can easily be cleaned whilst wet with Mineral Turps or General Purpose Thinners.

CAUTION

Highly flammable, **do not** use near fire or open flame. Do not incinerate or puncture this can even when empty. Keep in a cool place out of the sun. Do not Store above 50°C. Keep spray away from eyes.

WARNING

Intentional misuse by deliberately concentrating or inhaling contents can be harmful or fatal.

Keep out of reach of children.

If swallowed seek medical advice immediately or contact the **Poisons Information Centre on 13 11 26.**

Propellant: Hydrocarbon

PACKAGING

Available in 400g aerosol can.

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