

ZINC WELD THRU COATING

TECHNICAL DATA SHEET



Stock	Product	Color	Size
SZC / 24090	Zinc Weld Thru Coating	Grey	425 g / 15 oz

DESCRIPTION:

Zinc Weld Thru Coating is zinc rich cold galvanizing aerosol primer that is specially formulated to provide corrosion protection between welded bare metal surfaces. **Zinc Weld Thru Coating** also reduces welding splatter and can be applied to outer panels after welding to prolong protection if not applying a protective paint coating. **Zinc Weld Thru Coating** is also useful for corrosion protection on hot engine parts to extend life.

FEATURES:

- Provides excellent corrosion protection
- Ready to spray; fast drying
- Eliminates corrosion between welded metal substrates
- Reduces welding splatter
- Effective touch-up for hot dip galvanized surfaces (fencing, piping, guardrails)
- Resists oxidation and the galvanizing protection continues even if scratched
- Can be top coated for maximum durability

SURFACE PREPARATION:

1. Surfaces to be treated must be clean, dry, and free of rust.
2. Abrade mating surfaces, blow off and clean with Dominion Sure Seal Sure Solv (Stock SUS aerosol) or equivalent.
3. Mask off any surrounding area not to be coated.
4. Cleanup with paint or lacquer thinner or Dominion Sure Seal Sure Solv (Stock SUS aerosol).

ZINC WELD THRU COATING

TECHNICAL DATA SHEET



APPLICATION:

1. Agitate can thoroughly by inverting can and returning upright. Agitate can for at least 2 minutes after rattle is heard and occasionally during use.
2. After every use, invert can and spray for 3 seconds to keep valve clean.
3. Apply at a temperature of 10 to 32°C (50 to 90°F).
4. Apply several light coats from a distance of 20-25 cm (8-10 inches) from the surface. Spray with an even fanning motion. Several light coats give a better finish than one heavy coat.
5. Allow a 5 minute flash time between coats.
6. Allow ZINC WELD THRU COATING to dry thoroughly before welding, usually 10-15 minutes depending on applied coating thickness, temperature, and air flow.
7. Clean up any overspray with Sure Solv (SUS aerosol) or equivalent.
8. Between coats and after each use, invert can and spray for several seconds to clear valve/actuator button.

TYPICAL PROPERTIES:

Color	Grey
Spray Pattern	Mist spray
Flash Time	5 minutes [1]
Coverage	Up to 15 square feet per can
Dry to touch	5 - 10 minutes [1]
Dry to topcoat	20 - 25 minutes [1]
Product-Weighted Reactivity (MIR)	0.90 – 0.95 g O ₃ / g product [2]
Product-Weighted Reactivity (PWMIR)	0.88 – 0.92 g O ₃ / g product [3]
% Zinc in dried paint film	52 % [4]
Resin system	Modified Epoxy
Packaging	425 g (15 oz)

[1] Times stated are at 72°F (22°C). Times may vary depending on film build, temperature and air flow.

[2] Category Weld-Through Primers, 1.00 limit under US EPA.

[3] Category Weld-Through Primer, 1.00 limit applies in CA.

[4] Meets the performance requirements of, MIL-P-46105, MIL-P-21035B, MIL-P-26915C & SSPC-Paint 20 (does not meet the compositional requirements of these specifications).

ZINC WELD THRU COATING

TECHNICAL DATA SHEET



STORAGE AND HANDLING:

Contents under pressure. Do not place in hot water or near radiators, stoves, or other sources of heat. Do not puncture or incinerate container or store at temperatures over 50°C (122°F). Store in a well-ventilated area away from heat, sparks or flames. The packaging must be protected from direct sunlight and heat. Store in a cool, well-ventilated environment.

SAFETY PRECAUTIONS:

Contains toluene, propane, isobutyl acetate, n-butane and mineral spirits. DANGER: Extremely flammable. Contents under pressure. Harmful if inhaled. Use under well-ventilated conditions away from heat, sparks or flames. Avoid eye contact and prolonged contact with the skin. In case of eye contact, flush thoroughly with water for 15 minutes and get medical attention if irritation persists. If swallowed, seek medical advice immediately and show this container label.

KEEP OUT OF REACH OF CHILDREN.

For more information, please see our latest safety data sheet.

All figures, recommendations and safety precautions are based on thorough investigations and our actual experience and are without engagement. Although the documentation has been set up with most carefulness, we do not accept any responsibility for mistakes, inaccuracies or printer's errors. We reserve the right to adjust the product, whenever we feel necessary. Because the design, the quality of the substrate and the conditions during application fall beyond our control, no responsibility for executed works can be accepted on the basis of this documentation. We therefore recommend to carry out own tests on the spot.
All our deliveries are subject to the General Terms and Conditions of Sale and Purchase of Dominion Sure Seal Ltd.