

Technical Data



BRIGHT COLD GALVANISING SPRAY **BRIGHT, GLOSSY COATING FOR NEWLY GALVANIZED PARTS**

GENERAL DESCRIPTION



A single component, zinc-aluminium coating combining corrosion protection properties with the lustre look of recently galvanized parts. Bright Cold Galvanising Spray is a combination of zinc and aluminium powders, resins and additives, formulated to form a flexible protective film with a bright, glossy appearance.

FEATURES

- Excellent touch-up for freshly galvanized surfaces.
- Provides excellent corrosion and rust resistance to ferrous metals.
- Unique combination of flexibility and hardness.
- Resists rusting, peeling and fading.
- Adheres well to metal surfaces.
- Excellent colour match for recently hot-dip galvanized parts
- Totally lead and chromate free.
- No chlorinated solvents.

APPLICATIONS

- | | |
|--|-------------------------------|
| • Touch-up at Hot-Dip galvanizing plants | • Fences and gates |
| • Home, garden and farm equipment | • Construction equipment |
| • Structural steel | • Guard rails |
| • Welding seams | • Pipes and fittings |
| • Coastal and shipborne installations | • Repair of LPG storage tanks |

DIRECTIONS

- Shake aerosol can very well for at least one minute after agitator ball is free. Repeat frequently while using.
- Apply to a clean, degreased, dry surface for best results. Remove rust and scale with a wire brush.
- Apply in light, even coats; best results are obtained with 2 lighter rather than 1 heavy coat.
- Additional coats can be applied after 15-20 minutes.
- When spraying is finished, clean aerosol valve by turning can upside down and press button until only propellant escapes. If clogging occurs, remove button and clean orifice with fine wire.
- Do not use on energized equipment. Use in well ventilated area.

TECHNICAL DATA

Appearance	: Bright Aluminum Finish
Resin Type	: Modified Alkyd
Pigment Type	: Mixture of Zinc (purity 98%) and Nonleafing Aluminum
Specific Gravity (@ 20°C)	: 1.06
Flash Point (solvents)	: -4°C
Coverage (30 µm, dry)	: Approx. 1.6 m ² /can (400 ml)
Application Conditions	
Minimum Ambient Temperature	: 10°C
Minimum Surface Temperature	: 5°C ; 3°C over dew point
Maximum Humidity	: 85 %RH
Drying Times	: 30 min
- To Touch	: 4 h
- To Handle Complete Curing	: 90% Cured After 7 Days @ 23°C
Recommended Film Thickness	: 30-40 µm
Thinner / Cleaner	: White Spirit, Acetates
Dry film properties (35 µm on degreased metal) Salt spray (ASTM B 117)	: 100 h (*)
Adhesion on steel (ASTM D 3359)	: GT= 0/1
Flexibility (6 mm mandrel, visual)	: Pass
Heat resistance (4 h @ 200°C)	: Slight Yellowing
Low temperature resistance	: -30°C
Hardness Persoz (after 72 h)	: 80 s
Packaging:	: 12 x 400ml

* Typical corrosion protection results will depend mainly on surface conditions and environment. It may be several months up to over 1 year outdoors or more than 2 years indoors. The first application therefore should be checked periodically for signs of corrosion. Once the time of protection under any specific condition is determined, Bright Cold Galvanising Spray may be re-applied at intervals to maintain protection.

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 48 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

CRC Industries UK Limited, Ambersil House, Wylds Road,

Castlefield Industrial Estate, Bridgwater, Somerset, TA6 4DD

Tel: 01278 727200 Fax: 01278 425644 Email: sales.uk@crcind.com