



Anti-Corrosion

COLD GALVANISING SPRAY

ZINC RICH PROTECTIVE COATING

Cold Galvanising Spray is a unique combination of zinc powders and resins, formulated to form a high performance zinc-rich coating that actively fights rust and corrosion by its galvanic properties. Ferrous metals are protected by the sacrificial action, even when scratched or damaged. Zinc becomes the anode which is attacked by corrosion and the base metal the cathode. A film of water-insoluble zinc oxide is formed, which stops rust and corrosion.

Cold Galvanising Spray is an excellent touch-up for damaged galvanized surfaces, that allows spot welding.

It has good mechanical resistance due to the excellent adhesion on metal. No chlorinated solvents. Totally lead and chromate free.

Specifications: NSN 8030-01-120-3553, BSEN 1461 - 1999.

PRODUCT CODES / FILL SIZES



30291 / 400ml

APPLICATIONS

For general use in all situations where clean and degreased metal surfaces need to be protected against corrosion:

- Power generation equipment
- Trailers
- Transmission towers
- Transformers
- Ships
- Radio and T.V. relay towers
- Sub-station equipment
- Fencing
- Structural steel
- Railroad equipment
- Roofs Guard rails
- Coastal and ship borne installations
- Storage tanks
- Welding seams rivet holes
- Off shore oil rigs
- Repair of galvanized parts
- Home, garden and farm equipment

DIRECTIONS

- Do not use on energized equipment. Use in well ventilated area.
- Shake aerosol can very well for at least one minute after agitator ball is free. Repeat frequently while using.
- Apply to a clean, 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 10-15 minutes. A minimum film thickness of 40 µm is needed for adequate protection.
- When finished spraying, clean aerosol valve by turning can upside down and pressing button until only propellant escapes.
- If clogging occurs, remove button and clean orifice with fine wire.

TECHNICAL DATA (WITHOUT PROPELLANT)

| | |
|--|--------------------------------|
| Appearance | smooth, dull grey finish |
| Specific Gravity (@ 20°C) | 1.45 |
| Flash Point (closed cup) | < 0°C |
| Coverage (40 µm dry film) | 0.4 to 0.8 m ² /can |
| Application Conditions | |
| Minimum Ambient Temperature | 10°C |
| Minimum Surface Temperature | 5°C; 3°C over dew point |
| Maximum Humidity | 85% RH |
| Drying Time (dry-to-touch) | 40 minutes |
| Curing Time | 90% cured after 7 days @ 23°C |
| Purity of Zinc Pigment | > 98.5% |
| Dry Film Properties (40-60 µm) Adhesion on Steel (ASTM D 3359) | Gt= 0/1 |
| Zinc content in cured film | >80% |
| Heat Resistance (4 h.) | 200°C |
| Low Temperature Resistance | -30°C |
| Salt Spray (*) (ASTM B 117) | 350 h. (40 µm film thickness) |
| Hardness PERSOZ (after 24 h.) | 106 s |
| Hardness PERSOZ (after 1 week) | 142 s |
| Flexibility (6 mm mandrel, visual) | pass |
| * Typical corrosion protection results will depend mainly on surface conditions and environment. It may be several months 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, Cold Galvanising Spray may be re-applied at intervals to maintain protection. | |

MATERIALS COMPATIBILITY

| | |
|---------|---|
| OK | - |
| CAUTION | - |
| NOT OK | - |

STORAGE & SHELF LIFE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 4 years with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

A separate Safety Data Sheet (SDS) according to EC Regulation 73/404/EEC and 648/2004/EC is available from Ambersil.com or via info.uk@crcind.com

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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