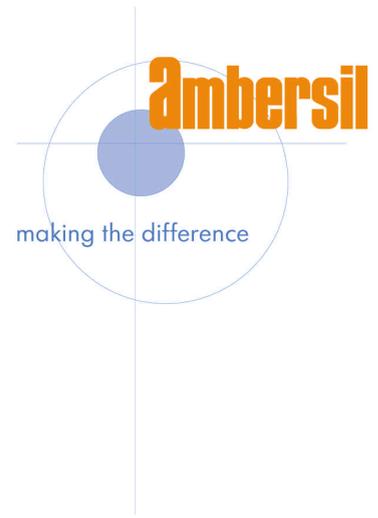


# Technical Data



## **GALVANISING ZINC RICH ZINC CORROSION INHIBITOR**

**ZR 99** is recommended for the cold galvanising and durable protection of all metallic parts, whether iron or alloy. ZR 99 contains 99.9 per cent pure zinc; it dries quickly to an even thickness with a glossy finish and resists up to 550°C without degrading, allowing it to be used on materials subject to very high temperatures. ZR 99 can also be welded (except argon welding). Formulation guaranteed free from chlorines, hydrocarbons and aromatics.

### **BENEFITS**

- Galvanic protection against thermal and chemical corrosion
- Resists salty and other corrosive atmospheres
- Resists temperatures from -50 to +550°C, continuously
- Excellent finish
- Tack free and can be handled in 15 to 20 minutes at 25°C; full cure after 24 hours
- Can be painted after curing
- High coverage ability without running or excessive thickness
- Aerosol formulation gives quick, even coverage in any location. Does not run, even on threaded parts

### **TYPICAL USES**

- Galvanic protection
- Touching up hot-dip galvanised parts
- Protecting all uncoated mechanical parts
- Surface reconditioning after machining, welding, filing, drilling or cutting etc
- Surface treatment
- Surface preparation

### **TYPICAL INDUSTRIES**

- Automotive
- Dock yards
- Iron and steel
- Mining
- Civil engineering
- Agricultural machinery
- Mechanical engineering
- Offshore

### **APPLICATIONS**

- Electrical and signal posts, security rails
- Chimney stacks, flanges, pipe work, connections
- Machine beds, casings, body work, architectural elements
- Rivet heads, fasteners, roof zinc cups, threaded assemblies
- Electric motor and pump casing, water meters
- Hinges, metallic doors and frames
- Railings, fences and doors
- Sanitary installations, heat pumps, air conditioning equipment
- Heating and ventilating equipment
- Electrical equipment, rolling stock
- Nails and screws before plastering

## **TECHNICAL DATA**

Physical Appearance	: Coloured Liquid
Colour	: Metallic Grey
Odour	: Light
Flash Point	: Not Measurable
Specific Gravity At 25°C	: 0.93
Resistance To Brine	: 280 h unscratched film
Temperature Range	: -50 to +550°C, continuous
Drying Time At 25°C	: Dust dry/handable: 15 to 20 minutes Complete: 24hours
Health And Safety	: Flammable
Packaging	: 400ml

## **COMPOSITION**

A blend of organic resins and zinc (99.9% of solids) that complies with the Montreal Protocol of 1992. Formulation is classified as not toxic or harmful to EN ISO 11014.1 1995.

## **APPLICATION METHOD**

- Although a galvanising product, ZR 99 can be likened to a paint. Similar to hot galvanising, it is recommended that a test is carried out prior to painting
- As far as possible, eliminate all traces of rust by brushing, sanding or shot blasting and all traces of oil and dirt with cleaners such as Ambersil Fastclean 200 (aerosol) or Fastclean 201 (bulk liquid for tanks)
- Shake can thoroughly before use
- Hold upright 30 cm (12 inches) from surface to be treated. Spray and shake alternately until area is fully covered
- If overpainting ZR 99, ensure coating is completely cured

## **STORAGE**

The product may be stored at normal ambient temperatures and has a shelf life of not less than 12 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**

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