



## MARKET SECTORS:

**AGRICULTURE**  
**FASTENERS & FIXINGS**  
**INDUSTRIAL MRO**  
**ELECTRICAL MRO**  
**TRADE/PRO-DIY**

AC CODE	CRC CODE	SIZE
1972	32810	500ml Aerosol

## MZ-90 MAXIMUM ZINC COATING

MZ-90 is an enhanced maximum zinc formulation that delivers a light grey matt finish with excellent protection against rust. The optimum blend of high purity zinc (>99%) with a specialist resin package provides outstanding anti-corrosion performance with strong adhesion to metal substrates. Provides cathodic anti-corrosion protection that meets ISO 1461:1999 standards. Can be welded through and used as a primer or topcoat. Touch-dry in 40 minutes. Forms a hard, flexible film that actively resists flaking, cracking, peeling, and damage.

### KEY FEATURES

- Matt Grey: more zinc = more protection
- Can be welded through
- Touch-dry in 40 minutes
- Forms a hard, flexible film that strongly resists flaking, cracking, peeling, and damage
- MZ-90 provides even greater protection when used as a base coat with our popular ZG-90
- Provides cathodic anti-corrosion protection that meets ISO 1461:1999

## NEVER ASK A PROFESSIONAL TO USE ANYTHING ELSE!

### APPLICATION AREAS

Exterior steel structures such as gantries, hand-rails, fencing, railings, grates, structural steel and ferrous metals exposed to high corrosion conditions. Can also be used to protect cut surfaces/exposed steel in fasteners, conduit, strapping, welds, electrical poles, breaker panel housings, rain spouts, signs, doors, trailers and guard rails.

### DIRECTIONS FOR USE

- Use in well ventilated area.
- Ensure that the surface to be coated is clean, dry and free from grease.
- Remove any rust and scale with a wire brush.
- MZ-90 contains solids which settle during storage: shake the can vigorously until the agitator ball is free and continue shaking for a further minute.
- Shake the can periodically during application.
- Apply in light, even coats - best results are obtained with 2 – 3 light coats rather than one heavy coat.
- Additional coats can be applied after 15 - 20 minutes.
- When spraying is finished, clean the aerosol valve by turning the can upside down and spray until only propellant escapes.

APPEARANCE:	Smooth, matt grey finish
ODOUR:	Solvent
SPECIFIC GRAVITY AT 20°C:	1.45
TOUCH DRY:	Approximately 40 minutes
CURING TIME:	90% cured after 7 days @ 23°C
PURITY OF ZINC PIGMENT:	>99%
ZINC CONTENT IN CURED FILM:	>80%
Heat resistance (4 hours):	200°C
LOW TEMPERATURE RESISTANCE:	-30°C
SALT SPRAY RESISTANCE (ASTM B117):	350 hours (40 µm film thickness)

(All values apply to product without aerosol propellant)

## HEALTH AND SAFETY

A separate Safety Data Sheet (SDS) is available from <https://www.actioncan.com/product/mz-90/> or from [info.uk@crcind.com](mailto:info.uk@crcind.com)

## 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.

## 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.

## TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. Should you have a technically complex enquiry, please email us for specialist/laboratory support.

