



MARKET SECTORS:

INDUSTRIAL MRO

FASTENERS & FIXINGS

ELECTRICAL MRO AGRICULTURE

TRADE/PRO-DIY

AC CODE	CRC CODE	SIZE
1935	32813	500ml Aerosol Black [RAL 9005]
1936	32817	500ml Aerosol White [RAL 9010]
1937	32814	500ml Aerosol Green [RAL 6010]
1938	32819	500ml Aerosol Red [RAL 3000]
1939	32818	500ml Aerosol Blue [RAL 5012]
2045	32820	500ml Aerosol Yellow [RAL 1004]
2026	33206	900ml Tin Black

ZG-90 ANTI-RUST PAINT COLOURS

ZG-90 zinc phosphate enhanced paints which prime and top-coat in one application. Provides a superior combination of good drying time, great coverage & solid opacity. Demonstrates superior corrosion protection (meets ISO 12944-2, cat. C3, tested to ASTM B117) and adhesion (tested to ISO 2409:0). The paints are RAL matched for accurate and consistent colour reproduction with a long-lasting satin finish.

COLOUR REFERENCES

BLACK	RAL 9005	Non-flammable liquids
WHITE	RAL 9010	General use
GREEN	RAL 6010	Water
RED	RAL 3000	Fire Fighting
BLUE	RAL 5012	Air
YELLOW	RAL 1004	Gas and liquified gas

KEY FEATURES

- 2-in-1: Primer and Topcoat
- Effective protection against corrosion
- Excellent adhesion and flexibility for long-term performance (ISO 2409:0)

- Tested to ASTM B117 and DIN EN ISO 12944-2
- Also available as ZG-90 Silver - see separate data sheet / Partcode 1785 & 2018

APPLICATION AREAS

General fabrication: Use on bare, degreased metal to provide an effective, colour-matched finish with good long-term protection.

Facility Maintenance: use for repairing and maintaining fences, metal sheets, air conditioning units and ducting.

Complementary products: TF-90 for surface degreasing, MZ-90 for enhanced anti-corrosion performance. (Cathodic protection) TF-90 / Partcode 1848 MZ-90 / Parcode 1972

DIRECTIONS FOR USE

- Use in well ventilated area.
- Remove any rust and scale with a wire brush. Ensure that the surface to be coated is clean, dry and free from grease.
- ZG-90 contains solids which settle during storage. Aerosol: shake the can vigorously until the agitator ball is free and continue shaking for a further minute. Tin: Carefully stir the paint until solvent and solids are thoroughly mixed.
- Shake/stir 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 finished: clear the aerosol valve by briefly spraying the can upside down. When using the tin, firmly reseal it. Clean brushes with White Spirit.
- Do not use on the inside of water storage tanks.
- Remove prior to welding.

APPEARANCE:	Matched to RAL colour
ODOUR:	Solvent
COATING THICKNESS (1-PASS, AEROSOL):	30 µm
TOUCH DRY:	20 minutes
FULL CURED:	6 hours
MAXIMUM TEMPERATURE RESISTANCE OF CURED FILM:	80°C
MINIMUM APPLICATION TEMPERATURE (SUBSTRATE):	10°C
SALT SPRAY RESISTANCE (ISO 12944, CATEGORY C3):	>220 hours

(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/zg-90/> or from info.uk@crcind.com

STORAGE & SHELF LIFE

The aerosol product may be stored at normal ambient temperatures and has a shelf life of not less than 6 years with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

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

MISREPRESENTATION ACT 1967 & TRADE DESCRIPTIONS ACT 1968

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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.

