



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 liquefied 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, from 15-20cm away - 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.

MARKET SECTORS:

ENGINEERING

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

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

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.

