

## TECHNICAL DATA

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### CRC ZINC PRIMER

Ref. : 10073

#### 1. GENERAL DESCRIPTION

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Multi-purpose zinc phosphate primer.

A zinc phosphate based, fast drying protective primer for metal surfaces. Formulated with modified alkyd resins, zinc phosphate and other anti-corrosion pigments. Zinc Primer fights rust and gives longer lasting interior and exterior corrosion resistance to topcoats.

#### 2. FEATURES

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- Ensures better topcoat adhesion and coverage.
- Retains topcoat colour brilliance.
- Grey colour is suitable even for light topcoat colours.
- Repaintable with all one-component paints, already after 1 hour.
- Slows down rust by inhibition and complex building.
- Saves pre-paint time by quickly filling hairline cracks and slight imperfections.
- Fast drying.
- Strong adhesion on degreased, bare metal surfaces. Surface preparation (e.g. by sanding, scraping, ...) may be needed for oxidised or galvanised surfaces.
- Totally lead and chromate free.
- No chlorinated and no aromatic solvents.
- Aerosols use dimethylether (DME) propellant for controlled application and film properties.

#### 3. APPLICATIONS

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- Car bodywork
- Farm machinery and equipment
- Boat fittings
- Steel building elements
- Metal windows
- Chassis and frames
- Seams
- Spot welds

#### 4. DIRECTIONS

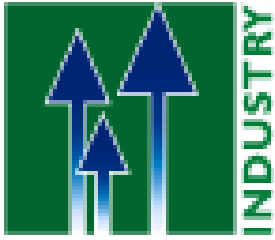
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- Shake aerosol can very well for at least one minute after agitator ball is free. Stir or mix bulk product well to obtain a homogeneous dispersion. Repeat frequently while using.
- Apply to a clean, degreased, dry surface for best results. Remove rust and scale with a wire brush.
- Apply in light, even coats; best results are obtained with 2 lighter rather than 1 heavy coat. Topcoat is best applied after 12 to 48 h. A slight sanding is advised.
- When spraying is finished, clean aerosol valve by turning can upside down and press button until only propellant escapes. If clogging occurs, remove button and clean orifice with fine wire.



Manufactured by :  
CRC Industries Europe BVBA  
Touwslagerstraat 1 – 9240 Zele – Belgium  
Tel (32) (0) 52/45.60.11 Fax (32) (0) 52/45.00.34  
[www.crcind.com](http://www.crcind.com)





## TECHNICAL DATA 2/2

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- Do not use on energized equipment. Use in well ventilated area.
- A safety data sheet (MSDS) according to EU directive 91/155/EEC and amendments is available for all CRC products.

#### 5. TYPICAL PRODUCT DATA (without propellant)

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Appearance	:	mat light grey
Resin type	:	modified alkyd
Pigment type	:	zinc-phosphate
Specific gravity (@ 20°C)		
- aerosol	:	1,05
- bulk	:	1,37
Flashpoint (solvents)		
- aerosol	:	- 4°C
- bulk	:	27°C
Coverage (30 µm, dry)		
- aerosol	:	approx. 1 m <sup>2</sup> /can (400 ml)
- bulk	:	approx. 11 m <sup>2</sup> /kg
Recommended film thickness	:	25 - 30 µm
Drying times		
to touch	:	30 min @ 20°C (45% RH)
complete curing	:	24 h @ 20°C (45% RH)
repaintable	:	1 h *
Thinner/cleaner	:	white spirit
Dry film properties (30 µm, degreased metal)		
Salt spray (ASTM B 117)	:	> 500 h (35 µm film thickness)
Adhesion on steel (NFT 30038)	:	0
Flexibility (6 mm mandrel, visual)	:	pass
Recommended finishes	:	alkyd, acryl, cellulose,...

#### 6. PACKAGING

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aerosol : 12 x 400 ml

bulk : 750 ml

\* 24 hours for best results after slight abrasion.

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: [www.crcind.com](http://www.crcind.com).

We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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