

# TECHNICAL DATA SHEET

Dy-Mark (Aust) Pty Ltd

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[www.dymark.com.au](http://www.dymark.com.au)



## Dy-Mark® Zinc Guard® COLD GALVANISING COATING (AEROSOL)



**Dy-Mark® Zinc Guard® Cold Galvanising Coating** is a zinc rich, high performance, heavy duty corrosion inhibitive primer suitable for use on ferrous metals such as steel, iron and galvanised iron. It contains 99% pure zinc and over 91% metallic zinc pigment in the dry film. It is used extensively in metal fabrication and gives superior galvanic protection to weld joints. **Cold Galvanising Coating conforms to AS3750.9:2009 Type 1.** It dries to a matt grey finish.

### DIRECTIONS FOR USE

#### Suitable Surfaces:

Steel, wrought iron and galvanised iron.

#### Ideal Application Temperature:

Between 10°C and 40°C. Avoid use in windy conditions.

#### Preparation:

Surface should be clean, dry and free from contaminants such as rust, oil, grease, dirt and salt. Surface should be thoroughly ground back to clean white metal. Remove all traces of rust and any old paint with a wire brush, scraper or mechanical sander. Zinc Guard® Cold Galvanising Coating should not be painted over rusty steel. For best results abrasive blast clean to AS1627.4 Class 2. Correct surface preparation is essential for obtaining maximum coating performance.

#### Application:

Before spraying, cover surrounding areas to protect from overspray. **Shake can** for at least 45 seconds **AFTER** the mixing ball begins to rattle. Shake can occasionally during use (IMPORTANT as the contents have a high density). Hold can upright approximately 20-25cm from the surface. Spray with a smooth sweeping motion. To prevent paint from sagging, apply several light mist coats rather than one heavy coat. **Adjust nozzle** to achieve desired spray pattern. Use horizontal setting to spray up and down and the vertical setting to spray left to right.

#### Coverage:

Approximately 2m<sup>2</sup> per can (depending on the surface and amount of overspray).

#### Drying Time:

Touch dry in 20 minutes (25°C).

Recoat after 1 hour.

Hard dry in 16-24 hours.

Drying will be slower in cold and humid conditions, in the absence of ventilation or where heavy film build is applied.

#### After Spraying:

**Prevent blocking** by holding the can upside down and spraying until clear gas escapes. Also **wipe spray tip** of nozzle clean.

**Clean up** wet paint with Mineral Turps or General Purpose Thinner.

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## TECHNICAL DATA

<b>Size:</b>	400g Aerosol		
<b>Colour:</b>	Grey		
<b>Finish:</b>	Matt		
<b>Consistency:</b>	Heavy Liquid		
<b>Propellant:</b>	Dimethyl Ether		
<b>Wet Film Thickness (microns):</b>	Min - 120	Max – 215	Recommended – 180
<b>Dry Film Thickness (microns):</b>	Min - 50	Max – 90	Recommended – 75
<b>Volume Solids:</b>	35 – 40%		
<b>Resin Type:</b>	Epoxy – one pack		
<b>VOC:</b>	<600g/L		
<b>Specifications:</b>	Conforms to AS3750.9: 2009 Type 1		

**Note:** Zinc Guard® Cold Galvanising Coating is designed to be sprayed onto clean bare metal **after** it has been welded. It is not recommended for use as a weld through primer.

## STORAGE

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in well-ventilated place.

## DISPOSAL

Dispose of contents/container according to regional regulations.

## FIRST AID / SAFETY INFORMATION

Please refer to Safety Data Sheet before use. Safety data sheets are available from our website [www.dymark.com.au](http://www.dymark.com.au) or from the following QR code:



**Call a POISON CENTRE: Australia 13 11 26, New Zealand 0800 764 766** or doctor/physician if you feel unwell.

Intentional misuse by deliberately inhaling contents can be harmful or fatal.

**KEEP OUT OF REACH OF CHILDREN.**

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## DISCLAIMER

The information provided within this Technical Data Sheet is intended as a guide only. The performance of this product will depend on many factors outside the control of Dy-Mark®; including surface preparation, surface-specific conditions, surface types, correct application and environmental conditions.

Dy-Mark® recommends customers undertake their own risk assessment prior to use, to determine the suitability of the product for the particular use intended.

It is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs on the specific surface.

For further information please contact the Dy-Mark® Sales and Customer Support Centre on 1300 396 275.