

# 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™ Black Zinc



**Dy-Mark Zinc Guard™ Black Zinc** is a fast drying epoxy based black zinc coating which provides excellent adhesion, corrosion resistance and long lasting durability to metal surfaces. It can be used as an anti-corrosive primer and top coat in a one-step application. It can also be used as a touch up coating for welded areas on galvanised products, however for longer term protection and highly corrosive conditions **Dy-Mark Zinc Guard™ Cold Galvanising Coating** primer is recommended before the application of **Dy-Mark Zinc Guard™ Black Zinc** as a finish coat.

### DIRECTIONS FOR USE

#### Suitable Surfaces:

Steel, wrought iron, galvanised iron and non-ferrous metals such as; aluminium, alloys, ZINCALUME® and stainless steel with appropriate primer.

#### 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. Welds should be ground back to clean white metal. Thoroughly sand new metal and lightly sand previously painted surfaces to ensure maximum adhesion. Remove loose rust and flaking paint with a wire brush, scraper or mechanical sander. For best results, always remove rust back to bare metal. For superior protection and adhesion on mild steel surfaces and welds it is recommended to prime with **Dy-Mark Zinc Guard™ Cold Galvanising Coating** and allowing it to dry for 4-6 hours before applying 2 coats of **Dy-Mark Zinc Guard™ Black Zinc**. For non-ferrous metals such as aluminium, alloys, ZINCALUME® and stainless steel use **Dy-Mark Zinc Guard™ Etch Primer**.

#### 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. 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 across.

#### Coverage

Approximately 2.5m<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 only clear gas escapes. Also **wipe spray tip** of nozzle clean. Clean up wet paint with Mineral Turps or **Dy-Mark Xylene or General Purpose Thinner**.

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## TECHNICAL DATA

<b>Size:</b>	400g Aerosol
<b>Colour:</b>	Black
<b>Finish:</b>	Satin
<b>Consistency:</b>	Liquid
<b>Propellant:</b>	Dimethyl ether

## STORAGE

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

## 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.**

## 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.