

# Resene Galvo One

## galvanised steel primer

Resene Galvo One is a single pack primer based on alkyd resins and special anti-corrosive pigments. Specially developed for direct application to new and weathered galvanised steel. Effectively welds itself to galvanised steel and stops zinc corrosion. Also suitable for use on Zinalume.

### exterior

#### Typical uses

- Downpipes
- Flashings
- Galvanised steel
- Gutters
- Long run and corrugated iron
- Zinalume

|                              |  |
|------------------------------|--|
| <b>Vehicle type</b>          | Alkyd  |
| <b>Pigmentation</b>          | Titanium dioxide/anti-corrosive pigments                         |
| <b>Solvent</b>               | Mineral turps  |
| <b>Finish</b>                | Satin  |
| <b>Colour</b>                | Grey   |
| <b>Dry time (minimum)</b>    | 5 hours at 18°C  |
| <b>Recoat time (minimum)</b> | 12 hours   |
| <b>Theoretical coverage</b>  | 12 sq. metres per litre  |
| <b>Dry film thickness</b>    | 35 microns at 12 sq. metres per litre                            |
| <b>Usual no. of coats</b>    | 1  |
| <b>Chemical resistance</b>   | Fair   |
| <b>Solvent resistance</b>    | Good   |
| <b>Toxicity</b>              | Suitable for the collection of drinking water when topcoated     |
| <b>Durability</b>            | Excellent  |
| <b>Thinning and clean up</b> | Mineral turps  |
| <b>VOC</b>                   | c. 464 grams per litre (see <a href="#">Resene VOC Summary</a> ) |

#### Physical properties

#### Performance

#### Performance and limitations

1. May be applied over a wide range of temperatures (10-30°C).
2. Excellent adhesion to galvanised steel and Zinalume.
3. May be overcoated with most roof paint systems, such as Resene Hi-Glo (see [Data Sheet D31](#)) and Resene Mica Bond (see [Data Sheet RA71](#)), any time over a period of three months.
4. May be used on roofs that are to be used for the collection of drinking water when topcoated.
5. Suitable for use over lightly rusted galvanised steel and Zinalume.

#### Limitations

1. Allow extra drying time when used under high build coatings, such as high build chlorinated rubber.
2. Areas showing significant red rusting will require an additional priming system.

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## Surface preparation

### Galvanised steel, Zinalume - new

Degrease and wash thoroughly with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)). Liberally rinse with freshwater.

### Galvanised steel, Zinalume – weathered

Wash thoroughly with Resene Roof Wash and Paint Cleaner (see [Data Sheet D88](#)) and scrub to remove all signs of white corrosion. Liberally rinse with freshwater.

### Red rusted areas

Remove all red rust by thorough hand or power wire brushing. Spot prime with Resene Rust-Arrest (see [Data Sheet RA30A](#)). For badly rusted roofs consult the Resene Engineered Coating Systems Division for specialist advice.

### Repaints

Remove all loose material and wash thoroughly as above. Pay particular attention to paint immediately adjacent to flaking areas as adhesion is often suspect.

### Caution

Windblown salt deposits onto roofs very quickly and surprisingly far inland. It is recommended that the roof is thoroughly washed with freshwater every day before starting to paint.

*Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.*

## Application

Apply by brush, roller or spray.

### New work

1. Best results are obtained by brush to ensure maximum contact with the steel.
2. Apply one full coat of Resene Galvo One allowing 12 hours before recoating.
3. For severe marine exposures and non-rainwashed areas, such as the undersides of metal gutters, apply a second coat of Resene Galvo One.

### Repaints

Spot prime all bare and lightly rusted areas with one coat of Resene Galvo One. Where severe corrosion is present, spot prime with Resene Rust-Arrest (see [Data Sheet RA30A](#)) followed by a full coat of Resene Galvo One.

## Precautions

1. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.
2. Avoid breathing vapour - use with adequate ventilation.
3. Resene Rust-Arrest (see [Data Sheet RA30A](#)) should not be used where drinking water is to be collected.
4. The greatest protection of galvanised steel is achieved by priming as soon as practical after erection.

*Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*

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the paint the professionals use

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