

# Resene Galvo-Prime

waterborne  
galvanised steel  
primer

Resene Galvo-Prime is a water reducible primer that matches its solvent reducible analogues even in marine exposures.

## exterior

## Typical uses

- All exterior galvanised steel
- Non-ferrous metals
- Zinalume

<b>Vehicle type</b>	Acrylic
<b>Pigmentation</b>	Blended pigments/extenders
<b>Solvent</b>	Water
<b>Finish</b>	Satin
<b>Colour</b>	Mid green
<b>Dry time (minimum)</b>	30 minutes at 18°C
<b>Recoat time (minimum)</b>	2 hours
<b>Resistance to foot traffic</b>	4 hours at 18°C
<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>Abrasion resistance</b>	Fair
<b>Chemical resistance</b>	Fair
<b>Heat resistance</b>	Thermoplastic
<b>Solvent resistance</b>	Good
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Water
<b>VOC</b>	c. 87 grams per litre (see <a href="#">Resene VOC Summary</a> )

## Physical properties

## Performance

## Performance and limitations

1. Easy application.
2. Excellent adhesion to zinc and a range of non-ferrous metals.
3. Excellent resistance to white rusting.
4. May be overcoated any time over a period of three months.
5. Suitable for the collection of drinking water. Disconnect roof downpipes until after the first shower of rain to flush away surplus non-toxic wetting agents before the surface is used for the collection of drinking water.

## Limitations

1. Not recommended when white rust is present - use Resene Galvo One (see [Data Sheet D41](#)).
2. Not recommended when red rust is present - use Resene Rust-Arrest (see [Data Sheet RA30A](#)).
3. Not recommended under solventborne roof paints.

# Galvo-Prime waterborne galvanised steel primer

## 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 foreign matter. Rinse clean with freshwater. If white corrosion is present, use Resene Galvo One (see [Data Sheet D41](#)).

### 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 Coatings 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-Prime allowing at least two 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-Prime.

### Repaints

Spot prime all bare and lightly rusted areas with one coat of Resene Galvo-Prime. Where white corrosion is present, remove and spot prime with Resene Galvo One (see [Data Sheet D41](#)). Where red rust is present, spot prime with Resene Rust-Arrest (see [Data Sheet RA30A](#)) followed by a full coat of Resene Galvo-Prime.

## Precautions

1. The greatest protection of galvanised steel is achieved by priming as soon as practical after erection.
2. If due to climatic conditions foam persists after rolling, add 5% Resene Hot Weather Additive to Resene Galvo-Prime, roll on, and lay off with a brush. Foam craters create weak spots in the protective system.
3. Resene Rust-Arrest (see [Data Sheet RA30A](#)) should not be used where drinking water is to be collected.
4. Avoid breathing vapour - use with adequate ventilation.

*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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