

# Resene GP Metal Primer

general purpose

Resene GP Metal Primer is an all-purpose high build primer for metals. Based on a non saponifiable resin and a blend of anti-corrosive pigments. Specially developed for priming a range of new and weathered metals.

**exterior/interior**

## Typical uses

- Aluminium
- Galvanising
- Repaints
- Steel
- Zincalume

<b>Vehicle type</b>	Modified alkyd
<b>Pigmentation</b>	Titanium dioxide/anti-corrosive pigments
<b>Solvent</b>	Mineral turps
<b>Finish</b>	Satin
<b>Colour</b>	Light grey
<b>Dry time (minimum)</b>	5 hours at 18°C
<b>Recoat time (minimum)</b>	12 hours
<b>Theoretical coverage</b>	7 sq. metres per litre
<b>Dry film thickness</b>	70 microns at 7 sq. metres per litre
<b>Usual no. of coats</b>	1
<b>Chemical resistance</b>	Fair
<b>Solvent resistance</b>	Good (varies with topcoat)
<b>Toxicity</b>	Suitable for the collection of drinking water when topcoated
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Brush//roller: Mineral turps or Resene Thinner No.2, Spray: Thinner No.6
<b>VOC</b>	c. 413 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). Dry and recoat times will be extended at lower temperatures and vary with wet film build.
2. Excellent adhesion to prepared metal surfaces.
3. May be overcoated with most Resene acrylic topcoats paint systems, such as Resene Summit Roof (see [Data Sheet D315](#)) and Resene solventborne enamels such as Super Gloss (see [Data Sheet D32](#)), 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. Disconnect downpipes to water tanks for the first few showers of rain and then reconnect

## Limitations

1. Areas showing significant red rusting will require an additional coat of Resene GP Metal Primer or a change to Resene Rust-Arrest (see [Data Sheet RA30A](#)).
2. Consult Resene Paints Technical Services for advice on painting systems for substrates located in high corrosion zones.

# GP Metal Primer

## Surface preparation

### New

Degrease and wash thoroughly with Resene Roof and Metal Wash (see [Data Sheet D88](#)). Liberally rinse with freshwater and allow to dry.

### Weathered Unpainted

Degrease and wash thoroughly with Resene Roof and Metal Wash (see [Data Sheet D88](#)). Liberally rinse with freshwater and allow to dry.

Remove all loose corrosion products (red or white rusting) by thorough power wire brushing or use of a sacrificial disc such as 3M Rust and Paint Removal disc.

### Repaints

Treat areas of moss, mould or lichen growth with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Extended times will be required to ensure lichen growth will detach from the substrate. Remove all loose or flaking paint and wash thoroughly as above (waterblasting will assist removal of lichen growth).

Pay particular attention to paint immediately adjacent to flaking areas as adhesion is often suspect.

Remove all loose corrosion products (red or white rusting) by thorough power wire brushing or use of a sacrificial disc such as 3M Rust and Paint Removal disc. Spot prime bare areas with Resene GP Metal Primer. For badly corroded areas apply an additional coat of Resene GP Metal Primer or consult the Resene Engineered Coating Systems Division for specialist advice.

### 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 (may require judicious thinning). Thinning requirements will vary with application method. On weathered surfaces, brush or roller application is preferred to provide the mechanical force to work the surface for intimate contact.

### New work/weathered unpainted

1. Best results are obtained by brush to ensure maximum contact with the metal.
2. Apply one full coat of Resene GP Metal Primer and allow at least 12 hours before recoating (primer must be hard dry to overcoat).
3. For severe marine exposures and non-rainwashed areas, such as the undersides of metal gutters, apply a second coat of Resene GP Metal Primer.

### Repaints

Spot prime all bare and lightly rusted areas with one coat of Resene GP Metal Primer. Where severe corrosion is present, apply a second coat of Resene GP Metal Primer, allowing a minimum of 12 hours between coats.

## 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. 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.*