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

Vehicle type
- Modified alkyd

Pigmentation
- Titanium dioxide/anti-corrosive pigments

Solvent
- Mineral turps

Finish
- Satin

Colour
- Light grey

Dry time (minimum)
- 5 hours at 18°C

Recoat time (minimum)
- 12 hours

Theoretical coverage
- 7 sq. metres per litre

Dry film thickness
- 70 microns at 7 sq. metres per litre

Usual no. of coats
- 1

Chemical resistance
- Good (varies with topcoat)

Solvent resistance
- Suitable for the collection of drinking water when topcoated

Toxicity
- Excellent

Durability
- Brush/roller: Mineral turps or Resene Thinner No.2, Spray: Thinner No.6

Thinning and clean up
- Suitable for the collection of drinking water when topcoated

VOC
- c. 413 grams per litre (see Resene VOC Summary)

Typical uses
- Aluminium
- Galvanising
- Repaints
- Steel
- Zincalume

Performance
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.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.
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.