

Resene Wintergrade Roof Primer

low temperature
curing waterborne
roof primer

Resene Wintergrade Roof Primer is designed to cure at very low temperatures down to 2°C. Ideal for use under Resene waterborne roof topcoats.

exterior

Typical uses

- Suitably prepared new or corrosion free galvanised steel or Zincalume

Vehicle type
Pigmentation
Solvent
Finish
Colour
Dry time (minimum)

Physical properties

Acrylic
Blended pigments/extenders
Water
Satin
Light grey
Dependent on weather conditions. Apply in temperatures 2°C–15°C. Application outside this temperature range may affect curing and application properties. Do not apply at temperatures below 2°C or when temperatures are liable to drop below this during the drying period, or when humidity is above 90%

Recoat time (minimum)

4 hours. Recoat when first coat is tough enough to resist the pressure of a firmly pressed, twisted thumb.

Theoretical coverage

12 sq. metres per litre

Dry film thickness

35 microns at 12 sq. metres per litre

Usual no. of coats

One. Second coat required in marine exposures.

Abrasion resistance

Fair

Chemical resistance

Fair

Heat resistance

Thermoplastic

Solvent resistance

Fair

Durability

Excellent, must be overcoated

Thinning and clean up

Water

VOC

c. 50 grams per litre (see [Resene VOC Summary](#))

Performance and limitations

Performance

1. Easy application.
2. Excellent adhesion to zinc and a range of 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.
6. An Environmental Choice approved product.

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.

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



Wintergrade Roof Primer low temperature curing

Surface preparation

Galvanised steel, Zincalume – new

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

Galvanised steel, Zincalume – 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, remove and 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 Wintergrade Roof Primer. Overcoat when first coat is tough enough to resist the pressure of a firmly pressed, twisted thumb.
3. For severe marine exposures and non-rainwashed areas, such as the undersides of metal gutters, apply a second coat of Resene Wintergrade Roof Primer.

Repaints

Where white corrosion is present, remove and spot prime with Resene Galvo One (see [Data Sheet D41](#)). Where red rust is present, remove and spot prime with Resene Rust-Arrest (see [Data Sheet RA30A](#)). Spot prime all bare metal with Resene Wintergrade Roof Primer. Then apply a full coat of Resene Wintergrade Roof Primer.

Precautions

1. The greatest protection of galvanised steel is achieved by priming as soon as practical after erection.
2. Resene Rust-Arrest (see [Data Sheet RA30A](#)) should not be used where drinking water is to be collected.
3. 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.