

Resene Pre-Coated Steel Primer

Resene Pre-Coated Steel Primer is a single pack adhesion primer for application to new factory coated roofing and cladding to ready it for topcoating with Resene waterborne paints. Can also be used as an anti-corrosive primer for new or weathered Zincalume and galvanising where a solventborne cool primer is required to maximise heat reflection when topcoating with Resene CoolColours.

exterior

Typical uses

- Factory coated steel cladding/roofing such as COLORBOND®, COLORCOTE®, COLORSTEEL®, and other pre-coated steel
- Horizontal and vertical applications, including roofs, walls and fences

Vehicle type	Alkyd
Pigmentation	Titanium dioxide/anti-corrosive pigments
Solvent	Mineral turps
Finish	Low gloss
Colour	Off white
Dry time (minimum)	5 hours at 18°C
Recoat time (minimum)	12 hours
Theoretical coverage	12 sq. metres per litre per coat
Dry film thickness	35 microns at 12 sq. metres per litre
Usual no. of coats	1
Chemical resistance	Fair
Solvent resistance	Good
Toxicity	Suitable for the collection of drinking water when topcoated
Durability	Excellent
Thinning and clean up	Resene Thinner No.2 or mineral turps
VOC	c. 464 grams per litre (see Resene VOC Summary)

Physical properties

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Performance

1. May be applied over a wide range of temperatures (10-30°C).
2. Excellent adhesion to factory coated steel cladding/roofing.
3. May be overcoated with most roof paint systems, such as Resene Summit Roof (see [Data Sheet D315](#)) and Resene Mica Bond (see [Data Sheet RA71](#)), or Resene waterborne exterior paints, such as Resene Hi-Glo (see [Data Sheet D31](#)), Resene Sonyx 101 (see [Data Sheet D30](#)), or Resene Lumbersider (see [Data Sheet D34](#)), 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 factory coated steel.

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.

Pre-Coated Steel Primer

Surface preparation

New pre-coated factory roofing/cladding

Wash thoroughly with Resene Heavy Duty Paint Prep and Oil Remover (see [Data Sheet D816](#)) diluted and used to label/data sheet instructions. Liberally rinse with freshwater or waterblast.

Repaints

If any areas of moss or mould infestation exist then treat them with Resene Moss & Mould Killer (see [Data Sheet D80](#)), diluted and used to label directions. For heavy infestations additional applications may be needed. Treat areas of lichen growth with Resene Deep Clean (see [Data Sheet D815](#)) and leave for at least two weeks then waterblast to remove detached lichen growth.

Wash thoroughly with Resene Roof and Metal Wash (see [Data Sheet D88](#)) diluted and used to label/data sheet instructions. Liberally rinse with freshwater or waterblast.

All paint that is flaking or unsound must be removed by using mechanical methods e.g. 3M Rust and Paint Removal Disc, taking care not to damage either the substrate or the surrounding areas.

Remove all areas of white corrosion material and as much red rust as is practicable and all paint that is flaking or unsound using mechanical methods e.g. 3M Rust and Paint Removal Disc, taking care not to damage either the substrate or the surrounding areas.

Where under-film corrosion is taking place, the existing paint must first be removed as above, then remove under-film corrosion products taking care not to damage sound zinc coated areas. All paint edges must be feathered to a smooth finish.

Note: The performance of the subsequent paint systems will be largely dependent on the thoroughness of this surface preparation stage.

Ensure all edges of damaged paint are sound and immediately spot prime all areas of corrosion and any other bare metal with a full coat of the specified primer. **Pay attention to paint immediately adjacent to flaking areas as adhesion is often suspect.**

Red rusted areas

Remove all areas of white corrosion material and as much red rust as is practicable and all paint that is flaking or unsound by using mechanical methods e.g. 3M Rust and Paint Removal Disc, taking care not to damage either the substrate or the surrounding areas. Spot prime with two coats of Resene GP Metal Primer (see [Data Sheet D411](#)).

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 airless spray.

New work

1. For small areas brush to ensure maximum contact with the steel.
2. Apply one full coat of Resene Pre-Coated Steel Primer 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 Pre-Coated Steel Primer.

Precautions

1. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.
2. Avoid breathing vapour - use with adequate ventilation.

Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.

In Australia
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Call 1800 738 383, visit www.resene.com.au
or email advice@resene.com.au

Resene
the paint the professionals use

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