

Resene Enamacryl Metallic

waterborne metallic effect

Resene Enamacryl Metallic is a breakthrough product that may be used in all those areas traditionally reserved for solventborne enamels to achieve a metallic effect.

exterior/interior

Typical uses

- Architraves
- Bathrooms
- Furniture
- Kitchens
- Laundries
- Plywood
- Skirtings
- Timber doors
- Wallboards
- Window frames

Vehicle type	New generation acrylic
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Satin
Colour	A range of metallic effects from the Resene Metallic and special effects colour chart
Dry time (minimum)	45 minutes at 18°C
Recoat time (minimum)	2 hours
Serviceable within	Full toughness requires at least 48 hours to develop in average drying conditions
Primer required	Yes
Theoretical coverage	12 sq. metres per litre; lower over textured basecoats
Dry film thickness	34 microns at 12 sq. metres per litre
Usual no. of coats	2; some colours may require an additional coat
Abrasion resistance	Very good
Chemical resistance	Fair
Heat resistance	Good
Solvent resistance	Good
Durability	Excellent
Thinning and clean up	Water; in hot dry conditions may be thinned with up to 5% Resene Hot Weather Additive
VOC	c. 59 grams per litre (Silver Aluminium) and 38 grams per litre (Fine Aluminium) (see Resene VOC Summary)

Performance

Performance and limitations

1. Clean, spatter free application.
2. Available in a range of metallic colours that cannot be matched by standard decorative paint offerings.
3. An Environmental Choice approved product.

Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Ensure the correct primers and/or sealers are used.
3. Due to waxes used in fibre and particle board it is essential that Resene Quick Dry (see [Data Sheet D45](#)) is used as the first coat on these substrates.
4. Do not apply over fresh concrete.
5. Demands good application techniques.

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



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Surface preparation

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould. If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Sand to smooth finish and dust off. Old enamels require fine sanding to a uniform dull finish.

Prime as per the following:

Cedar, weathered timber

Treat with Resene TimberLock (see [Data Sheet D48](#)). Prime as for timber.

Fibrous plaster, paperfaced plasterboard

Resene Broadwall Waterborne Wallboard Sealer (see [Data Sheet D403](#)). Ensure new paperfaced plasterboard is prepared to a level of finish suitable for the specified paint finish. Resene Broadwall Surface Prep & Seal (see [Data Sheet D807](#)) or Resene Broadwall 3 in 1 (see [Data Sheet D810](#)) will be required to achieve a level 5 finish.

Laminated surfaces, varnished surfaces

Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)).

Particle board, timber

Resene Quick Dry (see [Data Sheet D45](#)). (Where a staining type of timber exists an application of Resene Wood Primer (see [Data Sheet D40](#)) may be required).

Soft or absorbent surfaces

Where the surface to be painted is considered too soft to form a stable substrate, a saturation coat of a fully penetrating sealer, such as Resene Sureseal (see [Data Sheet D42](#)), may be required.

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 spray, synthetic fibre roller, speed brush or tynex filament brush. Brushing is suitable for small areas and textured surfaces only. Spray application is recommended for larger areas. Thin with up to 5% Resene Hot Weather Additive in hot, dry conditions to slow drying. The use of clear overcoats can improve the cleanability and abrasion resistance of Resene Enamacryl Metallic while adding another subtle dimension to the appearance. They also improve the colour retention of the more sensitive colours.

- **New** - Prepare and prime as above. Undercoat with one full coat of Resene Lumbersider (see [Data Sheet D34](#)) in a colour close to the chosen Resene Enamacryl Metallic colour. Allow a minimum of two hours to dry. Apply two coats of Resene Enamacryl Metallic in required colour allowing at least two hours between coats.
- **Repaint** - Prepare surface and spot prime as above. Undercoat with one full coat of Resene Lumbersider (see [Data Sheet D34](#)) in a colour close to the chosen Resene Enamacryl Metallic colour. Allow at least two hours to dry. Apply two coats of Resene Enamacryl Metallic in required colour allowing at least two hours between coats.

Precautions

1. Ensure the correct primer and/or sealer is used.
2. Stop all nailholes and cracked timber after priming.
3. Allow putty to thoroughly harden before painting.
4. Allow Resene Enamacryl Metallic sufficient drying before putting into full service.
5. The orientation of the metallic flake is important and care should be taken when cutting in. Take the roller as close as possible to the edge to reduce the change in appearance that can occur when the metallic flakes are applied by brush or roller. This is caused by the flakes laying at opposing angles and therefore reflecting light at different angles. When painting interior walls paint opposite walls first to avoid marking in the corners.
6. Avoid touch-ups as the difference in appearance may be apparent. An entire application is preferred to provide a uniform finish.

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.