

Resene Enamacryl CoolColour™

gloss waterborne
enamel

Resene Enamacryl CoolColour is the result of long, careful, intensive research. This breakthrough product may be used in all those areas traditionally reserved for solventborne enamels. Non-yellowing, fast drying and has much lower odour than solventborne counterparts.

Resene CoolColour technology performs optimally on dark colours that are the most prone to heat build-up.

exterior

Typical uses

- Window and door trim, panels and joinery

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

Vehicle type	New generation acrylic
Pigmentation	Titanium dioxide
Solvent	Water
Finish	Full gloss
Colour	Selected colours from the Resene Total Colour System
Dry time (minimum)	45 minutes at 18°C
Recoat time (minimum)	2 hours
Serviceable within	12-48 hours depending on film thickness, tinter levels and drying conditions
Primer required	Yes
Theoretical coverage	12 sq. metres per litre
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. 63 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Reflects heat improving the life of paint finish and substrate and improving interior conditions inside the painted structure.
2. May be used wherever solventborne enamels have traditionally been used.
3. Non-yellowing.
4. Resene Enamacryl may be applied over Resene Quick Dry (see [Data Sheet D45](#)) or directly over sound, clean old enamel surfaces.
5. Clean, spatter free application.
6. An Environmental Choice and Good 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 particle and fibre board it is essential that Resene Quick Dry (see [Data Sheet D45](#)) is used as the first coat.



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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

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 brush, speed brush, synthetic fibre roller or spray. In hot dry conditions thin with up to 5% Resene Hot Weather Additive.

New

1. Prepare and prime as above.
2. Apply two coats of Resene Enamacryl CoolColour in required colour allowing at least two hours between coats.

Repaint

1. Prepare surface and spot prime as above.
2. Apply two coats of Resene Enamacryl CoolColour 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 CoolColour sufficient drying before putting into full service.
5. Serviceable within 12-48 hours depending on film thickness, tinter level and drying conditions.

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.