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 and fast drying with easy water clean up.

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

Physical properties

- 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)

Typical uses

- Window and door trim, panels and joinery

Performance and limitations

Performance

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.
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 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. 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.