

Resene Flatcote Alkyd Flat

Resene Flatcote is a flat solventborne enamel for use over suitably primed and sealed interior surfaces.

Interior

Typical uses

- Bedrooms
- Ceilings
- Composite board
- Fibrous plaster
- Hallways
- Hardboard
- Lounges
- Paperfaced plasterboard
- Walls

Vehicle type	Alkyd
Pigmentation	Titanium dioxide/extenders
Solvent	Mineral turps
Finish	Flat
Colour	White and colours off-white
Dry time	4-6 hours at 18°C (touch dry)
Recoat	16 hours
Primer/sealer required	Yes, dependent on surface
Theoretical coverage	14 sq. metres per litre
Dry film thickness	28 microns at 14 sq. metres per litre
Usual no. of coats	1-2
Abrasion resistance	Good
Chemical resistance	Fair
Heat resistance	Good
Solvent resistance	Good
Durability	Excellent (interior)
Thinning and clean up	Mineral turps (special thinner available for spray application)
VOC	472 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. May be applied over a wide range of temperatures.
2. Excellent intercoat adhesion. Excellent adhesion to correctly primed and undercoated surfaces.

Limitations

1. Drying is slowed by low temperatures and high humidity.
2. Ensure the correct primer and/or sealer is used.
3. Due to waxes used in particle and fibreboard, it is essential that Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)) is used as the first coat on these substrates.

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Surface preparation

All surfaces

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 sanding to a uniform dull finish.

Prime as per the following:

Fibreboard, particleboard, Matai, Merbeau, Spotted Gum, Totara

Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)).

Soft or absorbent surfaces

Resene Broadwall Acrylic Wallboard Sealer (see [Data Sheet D403](#)) or Resene Sureseal (see [Data Sheet D42](#)). Substrates include fibrous plaster, gypsum plaster, paperfaced plasterboard, powdery surfaces.

Timber (excluding Matai, Merbeau, Spotted Gum, Totara)

Resene Quick Dry Acrylic Primer Undercoat (see [Data Sheet D45](#)) or Resene Enamel Undercoat (see [Data Sheet D44](#)).

Varnished surfaces, laminated surfaces

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

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

Prepare and prime surface as per schedule above. Stir thoroughly before use. Apply by brush, roller or spray (special thinner required). Recoat after 16 hours under normal conditions.

Precautions

1. Ensure correct primer and/or sealer is used.
2. Fill all nail holes and cracked timber after priming.
3. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.
4. Avoid breathing vapour - use with adequate ventilation.
5. Excessive build can result in cracking and subsequent flaking from weak substrates.

*Information contained in this Data Sheet is re-validated every two years following issue date.
Please ensure 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.*