

# Resene Earthsense Ceiling Paint

waterborne flat

Resene Earthsense Ceiling Paint is a waterborne alkyd flat ceiling paint formulated with a special renewable extender pigment, providing at least 20% by volume of Renewable Raw Materials (RRM) of the final paint film. RRM calculated after application and evaporation of water.

## interior

### Typical uses

- Ceilings only

<b>Vehicle type</b>	Alkyd emulsion
<b>Pigmentation</b>	Titanium dioxide with special renewable extender
<b>Solvent</b>	Water
<b>Finish</b>	Flat
<b>Colour</b>	White and colours off white
<b>Dry time (minimum)</b>	30–60 minutes depending on film thickness
<b>Recoat time (minimum)</b>	2 hours
<b>Sealer required</b>	Yes
<b>Theoretical coverage</b>	10 sq. metres per litre
<b>Dry film thickness</b>	38 microns at 10 sq. metres per litre
<b>Usual no. of coats</b>	2 coats
<b>Durability</b>	Good
<b>Thinning and clean up</b>	Water; in hot dry conditions can be thinned with up to 5% Resene Hot Weather Additive
<b>VOC</b>	c. <1 gram per litre (see <a href="#">Resene VOC Summary</a> )

### Physical properties

### Performance

### Performance and limitations

1. Excellent application properties with low spatter and good flow.
2. Formulated with a special renewable extender pigment, providing at least 20% by volume of Renewable Raw Materials (RRM) of the final paint film.
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. Not recommended for use in bathrooms, kitchens or laundries (use Resene SpaceCote Flat – see [Data Sheet D314](#)).
3. Will not penetrate chalking and powdery surfaces.
4. Washing not recommended. If cleaning is required, do not carry out until the paint has cured for at least six weeks. Do not scrub and only attempt to spot clean using water and mild detergent or diluted sugar soap. Test a small area before using other cleaning media such as Resene Emulsifiable Solvent Cleaner (see [Data Sheet D804](#)).

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

Ensure surface is dry and free from dirt, dust and loose material. Oil, grease and mould must be removed prior to painting. Fly spots and nicotine stains must be removed using Resene Emulsifiable Solvent Cleaner (see [Data Sheet D804](#)) or sugar soap.

Sand old glossy surfaces to provide a key for subsequent paint coats.

## New work, paperfaced plasterboard

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. Seal Resene Broadwall Surface Prep & Seal (see [Data Sheet D807](#)) with Resene Broadwall Waterborne Wallboard Sealer (see [Data Sheet D403](#)) or Resene Sureseal (see [Data Sheet D42](#)).

Seal bare substrates as 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

Stir thoroughly before use. Apply by brush, speed brush, synthetic fibre roller or spray. Apply two coats of Resene Earthsense Ceiling Paint allowing at least two hours between coats.

## Precautions

1. Ensure correct sealer is used.
2. Product will remain water sensitive for up to two weeks. After several days cure time water sensitivity is sufficiently low that water will not cause damage unless the paint surface is washed or scrubbed.

## Renewable Raw Material calculation

A Renewable Raw Material (RRM) is a raw material obtained from a renewable natural resource. A natural resource qualifies as renewable if it is replenished by natural processes with a growth rate comparable to or faster than its rate of consumption by humans. Information on the raw material constituents is obtained from our raw material suppliers

The RRM content of a final product is based on form of delivery - that is product as it is sold. Paint is sold on a volume basis and applied at a specified volume (spreading rate) on surfaces. For these reasons we calculate the amount of RRM in Resene products by volume taking into account the low levels of solvents, if they are present, but excluding any water. In the case of partly renewable materials, the percentage of the renewable part is used for calculation purposes. The actual calculation used is:

$$\text{vol\% RRM} = \frac{\sum_i (\text{vol RRM}_i)(\text{vol\% RRM}_i)}{(\text{dry film volume} + \text{solvent volume})}$$

Water is generally considered a perpetual and renewable resource, primarily because it is renewed constantly by many natural processes. We do not include it in our calculations because the rate at which it is consumed can compete effectively with the rate it is renewed or recycled by nature.

Including water, the renewable raw material level in Resene Earthsense Ceiling Paint is greater than 65% volume based on the in-can volume of product rather than the dry film.

*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.*