

# Resene Fresh Air Carparking

## pollution eating paint

Resene Fresh Air - Carparking is a semi-transparent waterborne satin topcoat with photocatalytic pigments. Designed to break down NO<sub>x</sub> and organic atmospheric pollutants that come into contact with the film.

Apply as a thin topcoat over a white substrate. This product has been designed for use in interior car parks. Activity is increased with increasing light flux.

## interior

### Typical uses

- Brick
- Concrete
- Carparking areas
- Fibre cement

**Vehicle type**  
**Pigmentation**  
**Solvent**  
**Finish**  
**Colour**

### Physical properties

Acrylic-inorganic hybrid  
Titanium dioxide  
Water  
Satin  
Semi-transparent white, substrate colour will show through. Not suitable for tinting  
30 minutes at 18°C and less than 85% humidity  
Not recommended  
Yes - white  
14 sq. metres per litre  
23 microns at 14 sq. metres per litre  
1  
Fair, when dry  
Poor  
Good  
Poor  
See limitations  
Thinning not recommended, supplied at application viscosity  
Water  
17 grams per litre (see [Resene VOC Summary](#))

**Dry time (minimum)**

**Recoat**

**Basecoat required**

**Theoretical coverage**

**Dry film thickness**

**Usual no. of coats**

**Abrasion resistance**

**Chemical resistance**

**Heat resistance**

**Solvent resistance**

**Durability**

**Thinning**

**Clean up**

**VOC**

### Performance

### Performance and limitations

1. A sacrificial, active photocatalytic coating for the degradation of organic and NO<sub>x</sub> pollutants improving the air quality. Reduces volatile organic compounds (VOCs).
2. Easy to apply – one thin coat over a white substrate is all that is needed.
3. Low odour.
4. An Environmental Choice approved product.

### Limitations

1. This product is sacrificial. During its functional lifetime film thickness will slowly decrease. A new coat can be reapplied once the old coat has been sacrificed.
2. Light chalking will occur and can be removed by washing with Resene Paint Prep and Housewash (see [Data Sheet D88](#)). Annual washing should be undertaken to maintain effectiveness.
3. Not suitable for exterior applications or where water ponding may occur. Prolonged exposure to water will temporarily soften the paint film and reduce resistance to mechanical damage.
4. Not suitable for areas that require pressure washing or waterblasting.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of Resene products. View Data Sheets online at [www.resene.com/datasheets](http://www.resene.com/datasheets). If in doubt contact Resene.



# Fresh Air Carparking pollution eating paint

## Surface preparation

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease. Ensure surfaces to be painted are in sound condition, dry, free from dirt, dust, loose material, salt and form release agents. Waterblasting at 21,000 kps (3000 psi) is the best surface preparation method prior to painting of weathered cementitious surfaces or galvanised steel.

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)).

Efflorescence on masonry must be treated (see [Data Sheet D83](#)).

Wherever oil and grease are present, ensure the surface is thoroughly cleaned using Resene Paint Prep and Housewash (see [Data Sheet D812](#)). Flush clean with water.

Ensure all wax or hydrocarbon resin curing membranes are either weathered off or removed by physical or chemical means. Resene Quick Dry (see [Data Sheet D45](#)) may be applied directly over high quality waterborne curing membranes, such as Resene Limelock (see [Data Sheet D809](#)).

*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 with Resene Quick Dry primer (see [Data Sheet D45](#)). Apply one coat of Resene Fresh Air Carparking. A full white coat is required under Resene Fresh Air Carparking to ensure it functions effectively.

Apply by brush, speed brush, synthetic fibre roller (Resene No.1) or spray. Do not thin.

### Spray application

Use an airless spray unit capable of delivering a flow rate of not less than 2 litres per minute such as Graco Ultra 395. A FT 410 tip is recommended with 60 mesh gun and filters. Apply to achieve an even wet film at a spreading rate of 14 square metres per litre with greater than 50% overlap.

At the end of its serviceable life, wash down Resene Fresh Air Carparking with Resene Paint Prep and Housewash. Reapply Resene Quick Dry if required to provide a white basecoat, allow to dry and then apply Resene Fresh Air Carparking. If the white basecoat is still sound after the surface is washed and dried, Resene Fresh Air Carparking may be applied directly.

## Precautions

Ensure correct primer and/or sealer is used on substrate and that the product is applied over a white basecoat.

Do not use pressure washing or waterblasting to clean the surface once it has been painted in Resene Fresh Air Carparking.



Fresh Air Carparking SDS

*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](http://www.resene.com/datasheets). If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*

**In Australia**  
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the paint the professionals use

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