

# Resene

## Sun Defier

waterborne U.V.  
protective glaze

Resene Sun Defier is based on a unique 100% acrylic emulsion for ease of application and maximum life over prepainted surfaces.

Formulated with U.V. absorbers, Resene Sun Defier filters out harmful U.V. light, protecting the underlying coloured coat. Ideally suited for direct application to freshly painted exterior bright organic hues and shades to aid colour retention by protecting these more vulnerable pigments against fading.

### exterior

### Typical uses

- All exterior coated surfaces except working joinery

<b>Vehicle type</b>	100% acrylic
<b>Pigmentation</b>	None
<b>Solvent</b>	Water
<b>Finish</b>	Gloss
<b>Colour</b>	Clear
<b>Dry time (minimum)</b>	45 minutes at 18°C
<b>Recoat time (minimum)</b>	2 hours
<b>Primer required</b>	No, always applied over prepainted surface
<b>Theoretical coverage</b>	12 sq. metres per litre
<b>Dry film thickness</b>	35 microns at 12 sq. metres per litre
<b>Usual no. of coats</b>	1
<b>Abrasion resistance</b>	Very good
<b>Chemical resistance</b>	Good
<b>Heat resistance</b>	Thermoplastic
<b>Solvent resistance</b>	Good
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Water
<b>VOC</b>	c. 93 grams per litre (see <a href="#">Resene VOC Summary</a> )

### Physical properties

### Performance

### Performance and limitations

1. Excellent U.V. protection of the underlying paint surface.
2. Excellent adhesion to Resene topcoats.
3. Outstanding flexibility on timber.
4. Acid and alkali resistant - inhibits mould growth.
5. 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 for use on opening sashes and doors.
3. Disconnect roof downpipes until after the first shower of rain in order to flush away surplus non-toxic wetting agents before the surface is used for the collection of drinking water.
4. Not suitable for roof areas where water ponding occurs.
5. Resene Multishield+ (see [Data Sheet D54a](#)) is recommended for surfaces prone to chalking only.
6. Will not penetrate or reinforce weak surfaces.

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



# Sun Defier waterborne U.V. protective glaze

## Surface preparation

### All freshly painted surfaces

Ensure surface is clean and dry, free from dirt, dust and loose material, oil, grease and mould.

## Application

Apply by brush, speed brush or spray.

### New work

1. Apply two to three coats of your chosen coloured topcoat, such as Resene Hi-Glo (see [Data Sheet D31](#)).
2. Apply one coat of Resene Sun Defier.

## Precautions

1. Ensure the correct primer and/or sealer and topcoat is used.
2. Do not apply in direct hot sunlight.
3. Excessive film builds caused by spreading rates lower than those recommended may cause undesirable milkiness.
4. Galvanised steel and Zinalume must be primed and painted before application of Resene Sun Defier.

*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.*

**In Australia**  
PO Box 785, Ashmore City, Queensland 4214  
Call 1800 738 383, visit [www.resene.com.au](http://www.resene.com.au)  
or email [advice@resene.com.au](mailto:advice@resene.com.au)

**Resene**  
the paint the professionals use

**In New Zealand**  
PO Box 38242, Wellington Mail Centre, Lower Hutt 5045  
Call 0800 RESENE (737 363), visit [www.resene.co.nz](http://www.resene.co.nz)  
or email [advice@resene.co.nz](mailto:advice@resene.co.nz)

Printed on environmentally responsible paper, which complies with the requirements of environmental management systems EMAS and ISO14001. Please recycle.