

# Resene Solventborne Aquapel water repellent

Resene Aquapel is a non-film forming solventborne clear silicone water repellent for application on most porous building materials to impart watershedding properties.

## exterior

### Typical uses

- Brick
- Concrete block
- Cured concrete
- Fibrous cement
- Tilt slab

<b>Vehicle type</b>	Oligomeric siloxane
<b>Pigmentation</b>	None
<b>Solvent</b>	Mineral turps
<b>Finish</b>	Flat
<b>Colour</b>	Clear
<b>Dry time to top coat</b>	48 hours at 20°C
<b>Self recoat</b>	6 hours at 20°C (if two coats are required)
<b>Primer required</b>	No
<b>Theoretical coverage</b>	Dependent on surface porosity – typically 2.5 sq. metres per litre for concrete block, 8-11 sq. metres per litre for concrete (tilt, precast and plaster)
<b>Usual no. of coats</b>	1-2 to achieve saturation
<b>Abrasion resistance</b>	Good
<b>Chemical resistance</b>	Fair
<b>Heat resistance</b>	Good
<b>Solvent resistance</b>	Good
<b>Durability</b>	Excellent when top coated
<b>Thinning and clean up</b>	Mineral turps

### Physical properties

### Performance and limitations

#### Performance

1. May be applied over a wide range of temperatures.
2. Imparts hydrophobicity when fully cured.
3. Improves the fungal resistance of coated surface.
4. Improves water resistance.
5. May be used under a range of film forming paint systems.
6. Allows the substrate to breathe.

#### Limitations

1. Drying is slowed by low temperatures and high humidity.
2. Will not render the substrate weather proof, (resistant to break through of wind driven rain).

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## Surface preparation

Ensure the surface is clean and dry, free from dirt, dust and loose material, oil, grease and mould. Water blasting is the best exterior surface preparation method prior to painting.

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Where there are large clumps of moss, remove by scraping with a metal scraper prior to treatment with Resene Moss & Mould Killer (see [Data Sheet D80](#)).

*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 to achieve substrate saturation by brush, roller or low-pressure spray.

The number of applications is determined by substrate porosity and application method. If two coats are required to achieve saturation, recoat after six hours under normal conditions.

Allow to cure for at least 48 hours before application of film forming topcoat paints.

## Precautions

1. FLAMMABLE - Keep away from heat and open flame. Keep closed when not in use.
2. Avoid breathing vapour - use with adequate ventilation.
3. Do not allow the product to come in contact with glass or aluminum joinery.



Solventborne  
Aquapel SDS

*Read the current Product Data Sheet and Safety Data Sheet before specifying or using 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.*

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