

# Resene X-200 CoolColour™ acrylic weathertight membrane

Resene X-200 CoolColour is an acrylic weathertight membrane incorporating the most recent advances in polymer and paint technology. Shows significant advances in the areas of film build, adhesion, penetration, application and durability.

Resene CoolColour technology performs optimally on dark colours that are the most susceptible to heat build-up.

## exterior

### Typical uses

- Concrete blocks
- Concrete surfaces
- Fibre reinforced cement

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.

<b>Vehicle type</b>	Pure acrylic
<b>Pigmentation</b>	Titanium dioxide/mineral and fibre reinforcement
<b>Solvent</b>	Water
<b>Finish</b>	Eggshell, very fine texture
<b>Colour</b>	Selected Total Colour System, including BS5252, Multi-Finish, Whites & Neutrals and The Range.
<b>Dry time (minimum)</b>	1 hour at 18°C
<b>Recoat time (minimum)</b>	3 hours
<b>Primer required</b>	Yes, dependent on surface
<b>Theoretical coverage</b>	First coat: 5 sq. metres per litre Second coat: 7.5 sq. metres per litre
<b>Dry film thickness</b>	2 coats 180 microns
<b>Usual no. of coats</b>	2; blockwork – 3
<b>Abrasion resistance</b>	Very good
<b>Chemical resistance</b>	Very good
<b>Heat resistance</b>	Thermoplastic
<b>Solvent resistance</b>	Good
<b>Durability</b>	Excellent
<b>Thinning and clean up</b>	Do not thin, clean up with water
<b>VOC</b>	c. 55 grams per litre (see <a href="#">Resene VOC Summary</a> )

### Physical properties

### Performance

### Performance and limitations

1. Reflects heat improving the life of the paint finish and substrate and improving interior conditions inside the painted structure.
2. Remarkable ease of application.
3. Superior void and crack filling properties.
4. Excellent durability. Requires no further 'weathering' coats.
5. An Environmental Choice approved product.

### Limitations

1. Old, weathered concrete requires surface conditioning with Resene Sureseal (see [Data Sheet D42](#)).
2. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
3. Not designed to be used under ponded water.



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## Surface preparation

### Cracked surfaces

Due to its high film build, Resene X-200 will completely fill cracks up to 1mm. For cracks larger than this, apply one coat of Resene Sureseal (see [Data Sheet D42](#)) before filling the crack with a suitable elastomeric paintable sealant.

### New cementitious surfaces

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease, form release and curing agents. Glossy surfaces require an additional treatment of Resene Concrete Primer (see [Data Sheet D405](#)). Use Resene Limelock (see [Data Sheet D809](#)) on fresh cementitious surfaces to trap any free lime and prevent the appearance of lime staining.

### Old cementitious surfaces

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Waterblasting at 21,000 kps (3000 psi) is the best surface preparation method prior to painting weathered cementitious surfaces. If waterblasting is not possible, remove all loose powdery material by thorough wire brushing. Allow to dry and apply one coat of Resene Sureseal (see [Data Sheet D42](#)).

*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

### Airless spray

Use a LTX 523 tip or similar. Use a coarse filter in the system as the fibre reinforcement of Resene X-200 may clog finer filters. Apply two coats.

### Brush

Apply two coats at specified rate.

### Roller

Use a 12-20mm synthetic fibre roller or texturing roller depending on surface. Apply two coats.

### Standard spray

Use a De Vilbiss JGA Gun with a D Tip DEX Needle and 107J Air Cap or equivalent.

### Concrete blocks

Due to regional variations in concrete block standards, two coats may be insufficient to provide weathertightness. Weathertightness can only be assured when all voids are filled, therefore three coats over block is a safer specification. Brush or roller application is preferred over block and essential for at least the first coat.

## Precautions

1. Do not thin – thinning destroys build properties.
2. Ensure correct pre-treatment is used and correct surface preparation is undertaken.



X-200 SDS

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**In Australia**  
PO Box 924, Beenleigh, Qld 4207  
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)