

Resene X-200

acrylic weathertight membrane

Resene X-200 is a pigmented low sheen waterborne weathertight membrane system incorporating the most recent advances in polymer and paint technology. Shows significant advances in the areas of application, film build, adhesion, bridging and durability.

exterior

Typical uses

- Acrylic modified plaster
- Bricks
- Concrete blocks
- EIFS
- Fibre cement
- GRC
- Precast and in situ concrete
- Fibre reinforced cement
- Tilt slab walls

Vehicle type

Pigmentation

Solvent

Finish

Colour

Dry time (minimum)

Recoat time (minimum)

Primer required

Coverage

Dry film thickness

Usual no. of coats

Abrasion resistance

Chemical resistance

Heat resistance

Solvent resistance

Durability

Thinning and clean up

VOC

Physical properties

Urethane modified acrylic

Titanium dioxide/mineral and fibre reinforcement

Water

Eggshell, very fine texture

Selected Total Colour System, including BS5252, Multi-Finish, Whites & Neutrals and The Range.

1 hour at 18°C

3 hours

Yes, dependent on surface

First coat: ~5 sq. metres per litre

Second coat: ~7.5 sq. metres per litre

Third coat: ~7.5 sq. metres per litre

180 microns (for weathertightness)

2 (smooth surfaces); 3 (blockwork)

Very good

Very good

Thermoplastic

Good

Excellent

Do not thin, clean up with water

c. 55 grams per litre (see [Resene VOC Summary](#))

Performance

Performance and limitations

1. Remarkable ease of application.
2. Superior void and crack filling properties.
3. Excellent exterior durability, requires no further 'weathering' coats.
4. Masonry wall weathertight system as per CCANZ CP 01 2014.
5. Also available in Resene Cool Colours (see [Data Sheet D62C](#)).
6. In combination with Resene Limelock (see [Data Sheet D809](#)) can be applied to fresh cementitious substrates.
7. 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 for surfaces subject to water ponding.
4. Application rates do not apply to rough cast concrete substrates.

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. If in doubt contact Resene.



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Surface preparation

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. Prime as follows:

- **Glossy surfaces/GRC/tilt slab:** Apply a full coat of Resene ConcreteSeal 3 in 1 (see [Data Sheet D409](#)).
- **New cementitious substrates, solid/acrylic modified plasters:** Apply a full coat of Resene Limelock (see [Data Sheet D809](#)) to trap any free lime and prevent the appearance of lime staining.
- **Bricks (unglazed):** Apply Resene Concrete Primer (see [Data Sheet D405](#)) thinned 10% with water.

Old cementitious surfaces

If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Waterblasting of exterior weathered cementitious substrates is the best surface preparation method prior to painting to remove loosely bound residues as a result of weathering. Avoid high waterblasting pressures as this may cause unwanted substrate damage. Allow to dry and apply a seal coat of Resene Sureseal (see [Data Sheet D42](#)).

Cracked surfaces (new or re paints):

For hairline cracks spot prime with a coat of Resene X-200. Due to its high film build, Resene X-200 will completely fill cracks up to 1mm. For larger cracks up to 2mm, apply one coat of Resene Sureseal (see [Data Sheet D42](#)) before flush filling the crack with Resene Brushable Crack Filler (see [Data Sheet D811](#)). Using a brush work the filler into the crack (both along and across the crack). When applying multiple applications allow each application of filler to dry before applying additional filler. For larger cracks fill using Resene Construction Systems MultiStop Bedding Compound mixed and applied to manufacturer's instructions.

Repaints: If moss and/or mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Scrub down using Resene Paint Prep and Housewash (see [Data Sheet D812](#)) to achieve a chalk free surface. If efflorescence is present expose areas of efflorescence and wire brush to remove loose deposits, allow to dry out, then spot prime with Resene Sureseal (see [Data Sheet D42](#)). **Efflorescence is caused by water movement through the substrate, often via cracks, faulty flashings or cappings. The source of the water causing the efflorescence needs to be identified and eliminated before repainting.** Prepare areas of failing existing coating back to a sound feathered edge.

Application

Masonry/concrete blocks

Brush or roller application is preferred over block and essential for at least the first coat.

Weathertightness can only be assured when all voids are filled. Application must provide a uniform film to the block surface and pointing and fill voids on the block face. During application, work the product into cavities/depressions in the surface using the edge of the roller sleeve or by brushing. This is of prime importance for application of the first coat.

Airless spray: Use a LTX 523 tip or similar. Use a 30-mesh manifold filter in the system as the fibre reinforcement of Resene X-200 may clog finer filters. **BACK ROLL THE FIRST COAT TO ENSURE GOOD SUBSTRATE ADHESION/PENETRATION.**

Brush: Touch up or small areas/cutting in only. A PAL Legend brush is recommended.

Roller: Use a Resene No.15 Lambskin (18mm nap). **When rolling with an extension pole, the maximum extension must be no more than 600cm in length. Roller application using the recommended roller sleeve will achieve a wet film thickness of 203-229 microns per coat when applied to a smooth, sealed substrate. This corresponds to an average dry film thickness of 110 microns per coat.**

Precautions

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



X-200 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. 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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