

X-300E

**high build
elastomeric membrane**

waterborne exterior/interior



SAFETY PRECAUTIONS

Read label before use. Keep out of reach of children. This material is quite bland; with vapour, occasional skin contact and even minor ingestion having negligible hazard. Repeated skin contact may, and any eye contact will cause irritation. Harmful to aquatic life.

PRECAUTIONS

USE WITH ADEQUATE VENTILATION. DO NOT EAT, DRINK OR SMOKE WHILE USING.

Store in original or correctly labelled container, tightly closed, in a well ventilated area indoors, away from foodstuffs, at an ambient temperature and avoid freezing conditions. Dispose of empty container safely. Consult Resene checklist on environmentally acceptable methods of cleaning equipment and disposing of unwanted paint. Avoid release to the environment.

FIRST AID

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE, doctor or first aider if you feel unwell.

IF ON SKIN (or hair): Rinse skin with plenty of soap and water. If skin irritation or rash occurs get medical advice or attention.

IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists get medical advice or attention.

If eye irritation persists get medical advice or attention. When seeking medical advice take this container with you.

Further information can be obtained from
AUST: POISONS INFORMATION CENTRE 131 126

or call Resene 1800 738 383.
NZ: NATIONAL POISONS CENTRE 0800 POISON (764 766)

or call Resene 0800 737 363.
For use as a decorative/protective coating.

For full technical instructions see Data Sheet D64.

SPILLS: Wear appropriate protective clothing. Absorb with sand or earth. Collect and seal in properly labelled drums. Do not allow to enter drains or to run off into waterways. Refer to local waste management authority.

CLEANING PAINT EQUIPMENT: Brush/roll out as much paint as possible onto newspaper before washing brushes and rollers. Dispose of wash-up water onto grassy/unsealed area or into inside sink/basin, NOT into outside stormwater drain where it may harm fish in local waterways.

Resene X-300E is an elastomeric high build coating and is part of the Resene High Performance Coatings range, which includes Resene X-200 and Resene X-400. Based on a tough acrylic elastomer that has an excellent 'memory' of its original shape when distorted. The coating, when specified at the correct dry film thickness, has unique crack bridging properties and any movement of cracks beneath the coating layer does not result in film fracture. Ideally suited for structures that will flex and develop minor cracks. Protects flexing structures from concrete carbonisation by maintaining a seal over the micro cracks that develop.

Preparation

- Ensure substrates to be coated are in sound condition, dry, free from dirt, dust, loose material, oil (including mineral oil based wood finishes or similar) and salt.
- Remove accumulated windblown salt by washing with Resene Paint Prep and Housewash (see Data Sheet D812).
- Waterblasting is the best surface preparation prior to painting of weathered cementitious surfaces.
- Oil and grease must be removed using Resene Paint Prep and Housewash. If mould is present, treat with Resene Moss & Mould Killer (see Data Sheet D80). Efflorescence on masonry **must be treated** (see Data Sheet D83).
- For heavy contamination and cleaning of GRC panels scrub down with Resene Emulsifiable Solvent Cleaner (see Data Sheet D804) then rinse clean with water.
- All loose powdery material must be removed. If waterblasting is not possible thoroughly wire brush.
- For new cementitious surfaces, once the surface has been cleaned, apply a full coat of Resene ConcreteSeal 3 in 1 (see Data Sheet D409).
- **All sanding dusts may be harmful and appropriate protection must be worn. In particular dusts from old lead or chromate based paints or old building materials containing asbestos may be injurious to health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.**
- Due to its high film build, Resene X-300E will completely fill cracks up to 1mm. For cracks 1-2mm seal with Resene Sureseal (see Data Sheet D42) before filling with multiple brush coats of Resene Brushable Crack Filler (see Data Sheet D811).
- This product may be used to paint a wide variety of surfaces. If the surface you propose to paint is unsound or not referred to, try a small test area first or contact your local Resene ColorShop or reseller for advice.

Priming

- All surfaces that are in poor condition or affected by efflorescence or which are friable, powdery or chalky must be primed with Resene Sureseal.
- Sealants – special coating requirements of construction sealants and fillers should be followed.
- Sound cementitious surfaces do not normally require a primer. Glossy surfaces may require treatment with Resene ConcreteSeal 3 in 1.

Application

- Due to its unique rheology, Resene X-300E may be applied at very high thicknesses without sagging or film cracking. Where possible,

film thickness should be achieved with one coat for optimum film formation.

- Can bridge and contain propagating cracks. The dry film thickness of the applied Resene X-300E must be a minimum of twice the crack width.
- Airless spray – use a LTX 523 tip and a unit such as a Graco 795 capable of spraying more than 2 litres per minute. Can be applied up to a maximum wet film thickness of 600 microns. Application under cold conditions will affect sag resistance and rate of drying.
- Rolling – masonry: Resene No.2 sleeve, smooth surfaces: Resene No.15 High Solids sleeve. Roller application is not recommended for large flat areas and will create a texture that will depend upon the sleeve used. If required the surface texture can be reduced by back rolling using a Resene No.4 sleeve.
- Due to regional variations in concrete block standards, two coats may be insufficient to produce a weathertight membrane. 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. A minimum dry film thickness of 180 microns is required to achieve weathertightness in accordance with CANZ CP01 2014.
- Maintain good ventilation throughout the drying and curing period to ensure the paint is properly cured. Poor ventilation may inhibit curing and performance.
- Resene X-300E will pick up dirt in unwashed areas but this is easily removed by rinsing off with diluted Resene Paint Prep and Housewash. Cleaning may be enhanced by the addition of a suitable Resene decorative waterborne topcoat such as Resene Sonyx 101 (see Data Sheet D30).

Be PaintWise

For tips on responsible disposal of paint, cleaning equipment and minimising the impact of your decorating on the environment see the Resene website. Do not discharge any paint into the environment. Resene PaintWise (NZ) or paintback.com.au (Australia) accepts residual unwanted paint and packaging. Or contact your Local Authority for disposal information.



X-300E SDS

Resene

the paint professionals use



X-300E TDS

In Australia: Resene Paints (Aust) Limited
7 Production Ave, PO Box 924, Beenleigh, Qld 4207
Ph 1800 738 383 Visit www.resene.com.au

In New Zealand: Resene Paints Limited
Vogel St, PO Box 38242, Wgtn Mt Centre, Lower Hutt 5045
Ph (04) 577 0500 Visit www.resene.co.nz

Manufactured under a quality system certified as complying with ISO9001 by Telarc SAI, an accredited certification body. Printed on environmentally responsible paper, which complies with the requirements of environmental management systems EMAS and ISO14001, using vegetable-based inks.

Quick check

Use on: Cementitious surfaces, including concrete road bridges, masonry and high rise concrete buildings and plaster renders.

Gloss level: Semi-gloss.

Coverage: Up to 2 square metres per litre in one application.

Dry time (minimum): 1 hour per 100 microns. Do not apply at temperatures below 10°C or when temperatures are liable to drop below this during the drying period. Drying is slowed by low temperatures and high humidity.

Recoat time (minimum): 3 hours per 100 microns.

Primer required: Yes, dependent on surface.

Usual number of coats: Varies with specification and application method.

Application method: Brush, synthetic fibre roller or spray.

Clean up: Water.

Colour range: White and colours off white.

Before use: Stir well with a wide flat stirrer.

Enjoy the Resene Promise of quality on premium paints. See your Resene ColorShop or the Resene website for a copy.

In every case it is recommended that the appropriate Data Sheet and Safety Data Sheet are consulted prior to application.

Please ensure that use of this product is compatible with the substrate and surface preparation method and that the colour in this container is the same as selected. When using multiple packs of this product on the same project please mix them together before use. Resene does not accept any responsibility for the application of incorrect product to substrate or the application of incorrect colours. Resene products are designed to be used as a system for optimal results. Substitution may cause substandard results or system failure. For further painting advice and information, call 1800 738 383 (AUST), 0800 737 363 (NZ) or visit the Resene website.