

Resene XC-700

clear high build
concrete and
masonry finish

Resene XC-700 is a clear high build finish designed to seal concrete and masonry walls for a lightly textured 'natural look' finish.

exterior

Typical uses

- Concrete masonry
- Honed concrete walls

Vehicle type	Self-crosslinking acrylic/polyurethane blend
Pigmentation	Transparent ceramic pigmentation
Solvent	Water, glycol ethers
Finish	Flat, lightly textured
Colour	Clear
Dry time (minimum)	2 hours, depending on film thickness
Recoat time (minimum)	4 hours, depending on film thickness
Primer required	Yes, concrete block must be treated with Resene Solventborne Aquapel (see Data Sheet D65S)
Theoretical coverage	1st coat 3.6 sq. metres per litre, 2nd coat 4.6 sq. metres per litre, 3rd coat 4.6 sq. metres per litre
Usual no. of coats	3
Abrasion resistance	Good
Chemical resistance	Good
Heat resistance	Good
Solvent resistance	Good
Durability	Excellent
Thinning and clean up	Do not thin. Clean up with water.
VOC	48 grams per litre (see Resene VOC Summary)

Physical properties

Performance

Performance and limitations

1. Designed to seal concrete block walls for a 'natural look' finish. Not recommended for use as a clear finish on other surfaces.
2. Zero permeability when tested to AS/NZS 4456.16.
3. Improves fungal resistance of coated surface.
4. Suitable for use on interior cementitious surfaces as a decorative finish only.
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. Concrete block must be treated with Resene Solventborne Aquapel (see [Data Sheet D65S](#)).
3. Not recommended for exterior tile or decorative aggregate flooring where water ponding may occur.
4. Will not penetrate or reinforce weak surfaces.
5. Will alter the appearance of the masonry surface, A test patch is recommended before application to coloured masonry

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.



XC-700 clear high build concrete block finish

Surface preparation

Ensure surfaces to be coated are in sound condition, dry, free from dirt, dust, loose material and salt. Remove accumulated windblown salt by prolonged washing with clean water.

Waterblasting is the best surface preparation prior to coating of weathered cementitious surfaces. Ensure the wall is completely dry before coating.

If mould is present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)).

Efflorescence on masonry must be treated (see [Data Sheet D83](#)).

Wherever oil and grease are present ensure the surface to be coated is thoroughly cleaned using Resene Paint Prep and Housewash (see [Data Sheet D812](#)). Flush clean with water.

Saturate the surface with Resene Solventborne Aquapel (see [Data Sheet D65S](#)) in accordance with the product data sheet.

Application

Stir well prior to use as settling may occur upon standing. To avoid foaming of material, do not shake.

Apply by roller only. Do not apply by spray.

Application rates apply to unthinned product.

Apply Resene XC-700 using a roller (Resene No.2 sleeve) at the following spreading rates: First coat 3.6 sq. metres per litre, second and third coats at 4.6 sq. metres per litre.

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; this is of prime importance for application of the first coat.

Precautions

1. Do not apply in direct hot sunlight.
2. Product may be applied over coloured masonry but a test patch must be done to confirm appearance.
3. Ensure recommended surface pre-treatment and the full Resene XC-700 system are applied at the correct application rates.
4. **Ensure the full system is applied as soon as possible to avoid efflorescence occurring underneath the Resene XC-700 system.**

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.

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the paint the professionals use

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