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

Physical properties
- 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
  - Usual no. of coats: 1st coat 3.6 sq. metres per litre, 2nd coat 4.6 sq. metres per litre, 3rd coat 4.6 sq. metres per litre
  - Abrasion resistance: Good
  - Chemical resistance: Good
  - Heat resistance: Good
  - Solvent resistance: Excellent
  - Durability: Good
- Thinning and clean up: Do not thin. Clean up with water.
- VOC: 48 grams per litre (see Resene VOC Summary)

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.
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.

Weather tightness 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.