

350WB CONSEAL

ConSeal, water based, modified acrylic masonry sealer. **ConSeal** is specifically designed for use on masonry substrates and is an ideal single component sealer for concrete garage floors, driveways, foot paths, walls, tiles etc.

- **Product** 350WB-xxxx ConSeal
(Suffix denotes gloss level and colour code)
- **Standard Colours** Clear and can be tinted to most colours.
- **Gloss level** Gloss and Low Sheen
- **Thinning and Clean Up** Water
- **Drying Time** Tack free up to 1 hour. Recoat 2hours.
Allow at least 48 hrs cure before vehicle parking or traffic.
- **Hot Tyre Resistance** Very Good
- **Exterior Exposure** Excellent 2-3 years
- **Container Size** 4lt, 10lt
- **Prime with** Itself or 120CP ConPrime
- **Coverage** Per coat approximately 10sq metres per litre
(Depending on substrate porosity)

APPLICATION Apply at ambient temperature above 10°C and relative humidity below 70%

Uses: Concrete sealer for driveways, car parks, footpaths and most concrete substrates, including polished surfaces, and stone.

SAFETY EQUIPMENT

Ensure all safety Instructions are followed as per Material Safety Data Sheet. Wear appropriate clothing to minimize skin contact, gloves, safety glasses and safety boots.

PREPARATION

Ensure surface is free from powdery or loose concrete, surface contaminants such as oil, dust, dirt, grease or concrete release agents. Presence of white powdery salts or efflorescence is an indication of constant dampness and presence of water due to poor drainage or leaking plumbing, failure to rectify the problem will cause delamination of painted surfaces. Previously painted surfaces must be tested for compatibility to acrylic topcoat prior to painting. All surfaces must be free of any loose or flaking paint by scrubbing, stripping or grinding back to bare concrete and wiped clean.

Prepare concrete surface by

1. Scrubbing down with a 10% solution of hydrochloric acid and thoroughly rinse all residues off with water. Care must be taken using strong acids on polished stone or coloured concrete as this may cause discolouration. Recommend small area is tested for suitability.

Or

2. Scrubbing down with 855CC **Concrete Wash** as per label instructions.

Allow surface to thoroughly dry before applying any coating. Do not attempt to apply on wet or damp surfaces. Excessive moisture may cause film defects such as whitening of film, drop in gloss, poor cure, reduced chemical and abrasion resistance and delamination of painted surfaces.

Before painting it is recommended to test the concrete for excessive moisture using the 'Plastic Sheet Method', especially if there are signs of efflorescence (white powdery residues on surface) or mould.

PLASTIC SHEET MOISTURE TEST

Tape a plastic sheet (45x45cm) onto the concrete surface being tested; ensuring an airtight seal between the concrete and the plastic is formed. (It is advised that this be repeated over several areas of the slab) After 24 hours remove the plastic sheet and check for presence of moisture. The test patch of concrete must be free of moisture, condensation or darkness in colour when compared to surrounding concrete. If test patch is free of moisture, proceed with painting. If moisture is present, allow a further 14 days drying and repeat the test.

APPLICATION

Highly Polished Concrete, stone tiles, high traffic areas,

Allow concrete to cure for at least 30 days. Ensure surface is free from dirt, grease or moisture. Follow preparation procedure as outlined above.

- 1st Apply light even coat of **ConPrime** by spray, roller, brush or applicator and allow to dry 1 – 2 hours. **ConPrime** is a solvent based primer, ensure application equipment is solvent resistant and follow application/clean up instructions on label.
- 2nd Apply first coat of **ConSeal** by spray, roller, brush or applicator and allow drying. **ConSeal** is ready for use and no thinning is required, however may be thinned with water up to 10 % by volume if required.
- 3rd Apply second coat of **ConSeal** as outlined above.

Foot paths, old concrete, broom or stippled surfaces

Ensure surface is free from dirt, grease or moisture. Follow preparation procedure as outlined above.

- 1st Apply first coat of **ConSeal** by spray, roller, brush or applicator and allow drying. **ConSeal** is ready for use and no thinning is required, however may be thinned with water up to 10 % by volume if required.
- 2nd Apply second coat of **ConSeal** by spray, roller or brush and allow drying.

Previously Sealed Surfaces

Ensure any loose or flaky sealer or paint is removed using Aqualis **Strip Ease**, mechanical sanding or wire brush. Wash off any grease, oil, dirt or surface contamination. Thoroughly wash the old sealed surface with 855CC **Concrete Wash** using a hard bristle broom, mechanical scrubber/pressure cleaner working over a small area at a time. Allow the surface to thoroughly dry.

It is always recommended for a test patch is applied to the original coated surface to ensure adequate intercoat adhesion.

Application

- 1st Apply coat of **ConSeal** by spray, roller or brush and allow drying. **ConSeal** is ready for use and no thinning is required, however may be thinned with water up to 10 % by volume if required.
- 2nd Subsequent coats of **ConSeal** can be applied if necessary as outlined above with 1-2 hours between coats.

Note:

Application of heavy coats are not recommended as this will slow down drying times and may cause cracking in the film or result in slippery surfaces when wet with water.

Anti-Slip Requirements

It is recommended that a suitable polymeric anti-slip additive such as AS350 Anti slip be used especially on inclined surfaces, wet areas around swimming pools, spas etc. As per AS/NZS 4586-2013 P4 slip rating.

Addition of AS Anti-slip Polymer

Add anti-slip polymer by volume to **ConSeal**, normal recommendation is 500ml anti-slip to 10 lt of sealer. Add the anti-slip polymer to the sealer directly and ensure thorough hand mixing at the time of application. It is recommended that sealer/anti-slip mixture be regularly stirred in the paint drum, especially before pouring into paint tray in order to ensure uniformity upon application. If required, higher levels of anti-slip may be added either directly into the sealer or hand broadcast evenly over the 'wet' sealed surface.

If sealer is stored for long periods of time with anti-slip already incorporated, ensure adequate mechanical agitation prior application to ensure uniformity.

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