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# 350AS ACRYSEAL

Acryseal is a solvent based lacquer formulated on tough durable acrylic resin. Acryseal was specifically designed for use on masonry substrates and is an ideal single component sealer for concrete driveways, footpaths and walls.

- **Product** 350AS Acryseal
- **Standard Colours** Can be tinted to most colours.
- **Thinning** Enamel Thinner 100ET-0001
- **Drying Time** Tack free 1 hour. Recoat 24 hours.
- **Exterior Exposure** Excellent 2-3 years
- **Container Size** 20Lt
- **Prime with** Self Priming
- **Coverage** Practical 5-7 sq metres per litre (Depending on substrate porosity)

**Uses:** Concrete sealer for driveways, car parks, footpaths and most concrete substrates.

**APPLICATION** Apply at ambient temperature above 15°C and relative humidity below 75%

**MASONRY Sheet**. Ensure all safety Instructions are followed as per **Material Safety Data**

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 solvent based acrylic topcoat prior to painting. All surfaces must be free of any loose or flaking paint by grinding back to bare concrete and wiped clean.
Prepare concrete surface by scrubbing down with a 10% solution of hydrochloric acid and thoroughly rinse all residues off with water.

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 drop in gloss, poor cure, reduced chemical and abrasion resistance and delamination of painted surfaces.
Before painting test the concrete for excessive moisture using the 'Plastic Sheet Method'.

**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.

**System 1/** **New Concrete**
Allow concrete to cure for at least 30 days.
Ensure surface is free from dirt, grease or moisture.

Acid wash loose or powdery concrete from surface using 10% HCL solution in water. High pressure-wash the concrete's surface with water and allow to dry at least 24 hrs so that there is no visual dampness left on the surface.

**1st** Apply Acryseal by spray, solvent resistant roller, brush or applicator and allow to dry 2 – 4 hours. Acryseal is ready for use and no thinning is required.

**2nd** Apply second coat of Acryseal as per step one and allow to dry overnight.

**3rd** Subsequent coats can be applied if necessary as outlined above with 2-4 hours between coats.

**(Note: Heavy builds may result in slippery surfaces when wet which can be a safety hazard. It is recommended that a suitable polymeric anti-slip additive such as AS350 Anti slip or equivalent be used especially on inclined surfaces.)**

**Previously Sealed Surfaces**

Ensure any lose or flaky sealer is removed by mechanical sanding or wire brush. Wash off any grease, oil, dirt or surface contamination. Thoroughly wash the old sealed surface with Masonry Reducer using a hard bristle broom (solvent resistant) working over a small area at a time. Allow the surface to tack off and apply one coat of Acryseal over the broomed area. Continue the solvent brooming and sealer application until the surface area has been completed.

**Note:**

**Heavier coats will require longer recoat times.**

**Avoid excessive film builds as this can lead to cracking in the film or result in slippery surfaces when wet with water.**

**(It is recommended that a polymeric anti-slip agent be used on inclined surfaces and around areas prone to water exposure such as swimming pools and spas etc.)**

## Addition of AS Anti-slip Polymer

Add anti-slip polymer by volume to Acryseal, normal recommendation is 1lt anti-slip to 20 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.

**It is always recommended a test patch be applied to ensure product meets desired requirements.**