



350AS ACRYSEAL TECHNICAL DATA SHEET

Solvent-based lacquer formulated on tough UV resistant acrylic resins. It exhibits excellent dry film properties including hot tyre resistance, oil resistance and is UV stabilised for superior exterior durability.

PROPERTIES

Item	Detail
Colours	Can be tinted to most colours.
Thinning	No thinning required; product is ready for use (RFU).
Clean-up	Clean up with Enamel Thinner 100ET-0001.
Drying time	Tack free <1 hour. Recoat 4–24 hours (depending on conditions and film build).
Exterior exposure	Excellent 2–3 years (medium traffic); 3+ years (foot traffic).
Pack size	4 L, 10 L, 20 L.
Gloss level	Low sheen (~30) / Gloss (~100). 60° angle
Sealer type	Solvent based acrylic, film forming.
Coverage	5–7 m ² /L (depending on substrate porosity).
Look and appearance	Wet look; will deepen colour of surface.

TYPICAL USES

Concrete sealer for driveways, car parks, footpaths, and most concrete and masonry substrates. Durable film forming sealer for preventing dirt retention on concrete surfaces. Not ideal for use on natural stone where a penetrating, non-film forming sealer is recommended.

LIMITATIONS

- Do not apply to wet or damp substrates. Excessive moisture may cause loss of gloss, poor cure, reduced chemical/abrasion resistance and delamination.
 - Not suitable where rising damp, negative hydrostatic pressure or persistent efflorescence is present (Rectify moisture source first, check for moisture using the [Plastic Sheet Moisture test.](#))
 - Avoid excessive film builds. Heavy builds may crack and can become slippery when wet.
 - Always complete a test patch to confirm appearance, adhesion, and slip performance.
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ENVIRONMENTAL CONDITIONS RECOMMENDATIONS

- Apply at ambient temperature above 15°C – 35°C.
 - Apply at relative humidity below 80%.
 - Avoid application within 12 hours before impending rain.
Ensure surface is completely dry before applying.
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EQUIPMENT

- Spray (fine nozzle)
 - Brush
 - Roller (solvent resistant enamel type)
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PLASTIC SHEET MOISTURE TEST

Tape a plastic sheet (45 × 45 cm) onto the concrete surface being tested, ensuring an airtight seal is formed (repeat over several areas of the slab). After 24 hours, remove the plastic sheet and check for moisture. The test patch must be free of moisture, condensation, or darkening compared to surrounding concrete. If any moisture is present, allow a further 14 days drying and repeat the test.

SURFACE PREPARATION

NEW UN-SEALED MASONRY/BRICKWORK/CONCRETE/PAVERS

- Ensure surface is free from powdery or loose concrete and surface contaminants such as oil, dust, dirt, grease, or concrete release agents.
- White powdery salts (efflorescence) indicate constant dampness due to poor drainage or leaking plumbing. Failure to rectify will cause delamination, test surface as per **Plastic Sheet Moisture** method.
- Scrub down with a 10% solution of hydrochloric acid, then thoroughly rinse all residues off with water. Allow surface to thoroughly dry before applying any coating.

Important: Wear appropriate PPE and ensure adequate ventilation when handling acids and solvents. Refer to the current SDS before use.

PREVIOUSLY SEALED SURFACES

1. Ensure any loose or flaky sealer is removed by mechanical sanding or wire brush. Wash off any grease, oil, dirt, or surface contamination.
2. Pre-test existing surface for any reaction such as lifting, wrinkling or adhesion issues by applying Acryseal onto an obscure area approx. 30cm x 30cm. If any reaction of the coated surface is immediately apparent such as wrinkling, lifting, blistering, **do not proceed with sealing.**
3. Remove old coating using **Aqualis StripEase (follow data sheet guidelines)**, or alternatively, sand blast or grind off back to raw concrete using a mechanical grinder. Ensure all chemical, paint and dust residues are thoroughly removed and proceed to sealing as per-
NEW UN-SEALED CONCRETE.

4. If no reaction is evident, check adhesion after 24 hrs. drying by scratching a straight line on the sealed surface with a blunt end of a knife.
 5. If sealer flakes, delaminates or peels away from the scratch, **do not proceed with sealing.** Follow steps as per point 3.
 6. If sealer leaves a straight edge with no fraying or lifting, you may proceed with sealing.
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APPLICATION PROCEDURE

1. Apply Acryseal by Spray, brush or roller and allow to dry 2–4 hours.
2. Apply a second coat of Acryseal as per Step 1 and allow to dry overnight.

Note: Heavier coats will require longer recoat times. Avoid excessive film builds as this can lead to cracking and/or slippery surfaces when wet.

SLIP RATING AND ANTI-SLIP ADDITIVE

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

HORIZONTAL SURFACES

For flat surfaces around swimming pools, light foot traffic areas etc., add Fine Anti-Slip at 300 g per 20 L to achieve P4 wet slip rating, as per AS/NZS 4586:2013. Extreme care should always be taken when walking on wet surfaces, especially around swimming pools. Fine Anti-Slip will leave a low-profile grit finish.

SLOPING SURFACES, RAMPS, STAIRS, OR HIGH FOOT TRAFFIC AREAS

Add Coarse Anti-Slip at 300 g per 20 L to achieve P5 wet slip rating, as per AS/NZS 4586:2013. Coarse Anti-Slip leaves a higher-profile grit finish and hence increased slip resistance.

Recoat recommendation is approximately every 12 to 18 months but is at the discretion of the customer as each application is case-by-case. Anti-slip media does wear away and may require attention to ensure the full slip rating is maintained.

ADDING ANTI-SLIP

- Add anti-slip polymer by volume to Acryseal. Normal recommendation is 1 L (approx. 300 g) anti-slip to 20 L of sealer.
- Add anti-slip polymer to the sealer directly and ensure thorough hand mixing at the time of application.
- Regularly stir the sealer/anti-slip mixture in the drum, especially before pouring into a paint tray, to ensure uniformity.
- 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 with anti-slip already incorporated, ensure adequate mechanical agitation prior to application.

A test patch should always be applied to ensure the product meets desired requirements.

HAZARDS TO AVOID

- When dry, high film builds may result in slippery surfaces, especially when wet or in the presence of rain.
 - Heavy coats will require longer recoat times and may increase sensitivity to moisture and solvent entrapment.
 - Take care when applying. Walking on freshly sealed surfaces is a slip hazard. Wear appropriate safety footwear.
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STORAGE AND HANDLING

- Store in original sealed containers in a cool, dry, well-ventilated area.
 - Protect from extreme temperatures and direct sunlight.
 - Stir thoroughly before use.
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SAFETY INFORMATION

Flammable liquid. Always refer to the current Safety Data Sheet (SDS) before handling or applying this product. Appropriate personal protective equipment must be used during application.

DISCLAIMER AND LIABILITY

Product performance is dependent on strict adherence to the recommended surface preparation, application procedures, and environmental conditions outlined in this Technical Data Sheet. All information, recommendations, and advice provided by Intec Coatings Pty Ltd regarding the use of this product are given in good faith and are based on current knowledge and experience.

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