

# Technical Data Sheet

## StaSeal™ Concrete Sealer



<b>Product</b>	StaSeal™ Concrete Sealer is a penetrating Acrylic solution designed for curing and sealing concrete or any absorbent masonry surfaces. Available in Clear only. Suitable for Dust-proofing and sealing Pattern Paving, Finta Brick™ Paving, Slate Paving, Factory Floors.
<b>Benefits</b>	UV Stabilized, Dustproof, durable, resistant to discolouration, hard wearing.
<b>Coverage</b>	Approximately 6 sq mtrs per litre.
<b>Curing</b>	Full curing is not achieved up to 7 days at ambient temperature 15 to 28°C. Avoid parking cars on new sealed surfaces until full curing is achieved. Foot traffic following day.
<b>Package</b>	20 lts and 10 lts pails Clear only.
<b>Storage</b>	<ul style="list-style-type: none"><li>• Store in a cool place, and out of direct sunlight.</li><li>• Store away from excessive heat.</li><li>• Avoid sparks, flames &amp; ignition sources.</li></ul>
<b>Shelf Life</b>	Approximately 18 months, providing stored correctly and unopened.
<b>Handling</b>	<ul style="list-style-type: none"><li>• Manual handling without due care could result in personal injury.</li><li>• Avoid contact with skin and eyes.</li><li>• Avoid breathing vapours.</li><li>• Wear suitable protective equipment.</li></ul>
<b>Properties</b>	Appearance: Clear liquid Odour: Aromatic hydrocarbon Flammability Limits: LEL: 0.9% UEL: 7.7% Percentage Volatiles: >70%
<b>Equipment</b>	Airless spray unit, Sealer Broom, Dacron Roller or Lambs wool applicator. To clean equipment use Solulene.
<b>Precautions</b>	<b>Sealing Steep Surfaces</b> is not recommended, as it reduces pedestrian and vehicle safety and can be very slippery in wet or dry conditions. <b>Sealing in Summer</b> the addition of 2lts Solulene™ in the final coat will help reduce blistering. <b>Sealing in Winter</b> Sealing early in the morning or late in the day is not recommended, due to early morning dew and night condensation. Sealer effected by moisture will lose gloss, adhesion properties and could have a white blooming appearance.

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## APPLICATION GUIDELINES

### Freshly poured Same day sealing

Ensure the surface is dry enough to walk on without damage. First and second Coat apply undiluted using an airless spray unit. Allow minimum of 24 hours between coats

**Note:** Slate Impression paving cannot be sealed same day.

### Unsealed Surfaces

#### SURFACE PREPARATION

Surface should be clean and free of dust, grease, oil and other contamination. **To remove grease and oil stains** wet area with hot water then apply Cleanall scrub with a broom on and around area. Allow to sit 5 minutes, and then pressure wash. **To remove moss or fungus** dilute bleach 1 to 10 parts water in a watering can, apply over the surface and allow to sit for a minimum of 2 hours, then high pressure wash completely. Repeat if necessary. Prior to sealing acid etching is highly recommended, to enable greater penetration of the sealer.

**Acid Etching** Wet concrete down prior to acid etching. Mix 1 part hydrochloric acid to 15 parts water into a watering can, apply evenly over the surface of the concrete. DO NOT allow the acid to dry; it is advisable to apply a neutralising agent (Soda Ash) prior to hosing off the acid solution. Thoroughly rinse off the surface to remove the acid solution. Allow to dry completely prior to Sealing.

#### SEALER APPLICATION

**Textured and porous Surfaces First coat and second coat** apply undiluted. **Smooth Surfaces First coat** dilute 20 lts StaSeal™ with 4 lts Solulene™ then apply. **Second coat** apply undiluted after a minimum of 24 hours. The addition of 300 grams of Anti Slip per 20 lts StaSeal™ in the final coat will reduce slipping and improve pedestrian safety. Stir frequently to ensure even coverage.

### Previously Sealed

#### SURFACE PREPARATION

Do not acid etch previously sealed surfaces. Surface should be clean and free of dust, grease, oil, flaking sealer and other contamination. **To remove grease and oil stains** wet area with hot water then apply Cleanall, scrub with a broom on and around area. Allow to sit 5 minutes then pressure wash. **To remove moss or fungus** dilute bleach 1 to 10 parts water in a watering can, apply over concrete and allow to sit for a minimum of 2 hours, then pressure wash thoroughly. Repeat if necessary. Prior to sealing it's advisable that a small area be tested for compatibility. Apply Solulene™ liberally and broom in vigorously, then apply StaSeal™ and leave to weather for a minimum of 7 days. If the Sealer™ on the test area fails, (delamination, flaking, cracking or surface remaining soft or tacky ) the old sealer should be stripped with Sealer Strippa and resealed following the directions of unsealed surfaces. If the test area is successful then apply Solulene™ liberally with a broom and work into the surface then proceed with the sealing application.

#### SEALER APPLICATION

**All surfaces First coat** dilute 20 lts StaSeal™ with 4 lts Solulene™ then Apply. **Second coat** apply undiluted after minimum of 24 hours. The addition of 300 grams Anti Slip per 20 lts StaSeal™ in the final coat will reduce slipping and improve pedestrian safety. Stir frequently to ensure even coverage. safety. Stir frequently to ensure even coverage.

#### Disclaimer

The information given is based on our knowledge of many years experience the health and safety data of this product, at the time of publication, and is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact Bescon Industries. Responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be accordance with the appropriate regulations and / or legislation.