

# Technical Data Sheet

## Epoxy SB Two Pack



<b>Product</b>	Epoxy SB is a high strength two pack floor coating which provides excellent protection for concrete and steel surfaces against chemical attack, corrosion and wear. Epoxy SB is supplied as a resin and hardener.
<b>Usage</b>	Highly recommended for Industrial and commercial floors. Such as, medical, and laboratory premises, excellent for food preparation area. Not recommended for external use, as it may yellow on exposure to sunlight.
<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>Benefits</b>	Resistant to most solvents and acids. Durable and hard wearing
<b>Coverage</b>	Approximately 8 sq mtrs per litre.
<b>Package</b>	20 kg kit ( parts A & B ) available in Light Grey 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><li>• Store away from alkalis, food stuffs and oxidizing agents</li></ul>
<b>Shelf Life</b>	Approximately 18 months, providing stored correctly and unopened.
<b>Handling</b>	<ul style="list-style-type: none"><li>• Lifting without due care can 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 viscous liquid Odour: Amine like Flammability Limits: Not applicable
<b>Equipment</b>	Broom, Short nap dacron roller. To clean equipment use water.
<b>Precautions</b>	Very cold weather may retard curing times leaving a tacky surface for 3 – 4 days. Heating the room will accelerate curing after application. Ensure adequate ventilation.

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## APPLICATION GUIDELINES

### Unsealed Surfaces

#### Surface preparation

Surface should be clean and free of dust, grease, oil and other contamination. Sandblasting or sanding is required for smooth surfaces. Water blasting may be appropriate in some circumstances. Thorough degreasing is essential before acid etching or sanding. **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.

### 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. Sandblasting or sanding of the surface is required to assist adhesion and to ensure that no glossy surfaces remain before recoating. 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

### Mixing

Place Part A in a clean container and blend in Part B for at least several minutes with a high speed drill. Allow to stand for 10 minutes and remix for two minutes before use. Thoroughly mixing is essential. Unless accurate measurement can be taken mix the entire contents of Part A and Part B. Once the Epoxy WB has a pot life of 1-3 hours. After mixing cannot be used after this time has elapsed.

### Application

Apply by broom or short nap dacron roller. To obtain maximum intercoat adhesion, the maximum time between coats should be 24 hours at 20 deg C. Subsequent coats may be applied as soon as the previous coat is touch dry and no later than 24 hours after the first coat. Dilute the first coat with 20% Solulene™ to ensure surface penetration. A second undiluted coat is recommended for best performance. Smooth or steep surfaced coated with may be slippery. An anti slip finish may be achieved by adding an anti slip additive to the final coat. On site testing is highly recommended.

#### Disclaimer

The information given is based on our knowledge of 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.