



# TuffFloor Epoxy Paint SB

## Chemical and Abrasion Resistant Coating

### Uses

To provide a durable, easily cleaned, high build floor finish. It provides a hard wearing and high resistance to chemical attack. Typical areas of applications are:

- Aircraft hangers, warehouses and industrial units, etc.
- Light to medium duty manufacturing environments.
- Pharmaceutical plants

### Typical Applications & Advantages

- High level of protection and durability.
- Provides a fully sealed surface with excellent chemical resistance.
- Easily cleanable, hygienic floor surface.
- Excellent bond strength to concrete, greater than the cohesive strength of concrete.
- Wide colour range to enhance working environments.
- Pharmaceutical laboratories.
- Electronics and mechanical component workshops.

### Standards Compliance

**TuffFloor Epoxy Paint SB** complies with the requirements of the following standards:

- ASTM C 267-01.
- ASTM D 4138-88

### Product Description

**TuffFloor Epoxy Paint SB** is a multi-component epoxy resin based floor coating. The cured coating provides a hard, tough and abrasion resistant surface with excellent adhesion to all cementitious surfaces. The surface is readily cleaned and is hygienic.

### Typical Properties

|                            |                  |
|----------------------------|------------------|
| <b>Specific gravity</b>    | : 1.09 @ 25±2° C |
| <b>Chemical resistance</b> | : Excellent.     |
| <b>Dry Film Thickness</b>  | : 100microns     |

### Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

### Instructions for Use

**Surface Preparation:** The concrete to be treated must be free from dust, loosely adhered material, plaster and cement laitance, grease oil and paints etc. Maximum moisture content should not exceed 5%. As **TuffFloor Epoxy Paint SB** is a thin coating surface imperfections will show through causing excessive deterioration in high spots. Ensure the concrete is smooth and even prior to application. Laitance removal by Blast-tracking is preferred. Alternative methods of grit blasting or acid etching are acceptable.

Steel surfaces must be grit blasted to surface quality SA 2.5 (BS 4232).

**Mixing:** All mixing should be carried out mechanically using a slow speed drill and a suitable mixing paddle. Mix the entire contents of components A & B for 4 minutes scraping down the sides to ensure complete mixing. Add the component C last and mix again for 4 minutes. Check for thorough mixing.

**Application:** **TuffFloor Epoxy Paint SB** should be brush or lambs wool roller applied as evenly as possible. Avoid pinholes by applying the second coat at right angles to the first. Second coat should be applied within 24 hours of the first. Clean all tools immediately after use with GIC Solvents.

### Colours

Grey color is normally available and other colors are available upon request. Where specific colors or color matching is required, minimum order quantities will be required.

### Watch Points

- Not suitable for damp floors, or floors which are likely to become damp.
- Not designed for heavy traffic loading or high impact.

### Coverage

6-8 m<sup>2</sup>/ liter/ coat depending on surface texture and roughness. A minimum of two coats required.





**TufBond**

### **Packaging & Storage**

**TuffFloor Epoxy Paint SB** is supplied in three components as Part A, Part B & Part C of 5 liter and 15 liter units. It has a shelf life of minimum 12 months provided it is stored under cover, out of direct sunlight.

### **Health & Safety Precautions**

**TuffFloor Epoxy Paint SB** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information refer to the Material Safety Data Sheet available for this product.

### **Important note**

GIC endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied, as GIC has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

**As all GIC technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.**

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*Rev: October 2007*



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