

Solvented chemical and abrasion resistant coating**Product Description**

TuffFloor EpoxyPaint 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 Applications

- Pharmaceutical laboratories.
- Aircraft Hangers, Warehouses and industrial units.
- Light to medium duty manufacturing environments.
- Electronics and mechanical component workshops.

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.
- Can be used with GIC Aggregates to provide non-slip, safe, anti-skid surfaces.

Directions 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 5% (or hygrometer <75% RH- BS 8203). As **TuffFloor EpoxyPaint 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 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 EpoxyPaint SB** should be brush or lambswool 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**.

Standard Colours

Red (BS 04C39) & Grey (BS 18B23). Other colours available upon request. BS numbers are quoted for reference purposes. Where specific colours or colour matching is required, minimum order quantities will be required.

Typical Properties

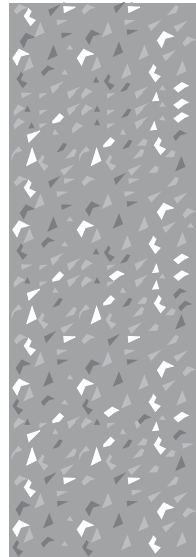
Pot life	: 30 mins @ 30°C.
Overcoat time	: 4 hours
Working time	: 45 mins @ 30°C.
Traffic times	: 24 hours pedestrian
Service temperature	: -20°C to + 60°C.
Application temp	: 10°C to + 45°C.
Bond strength	: Greater than the cohesive strength of concrete.

Notes on Applications

- For anti-skid surfaces use **GIC AGGREGATES**- extra fine- sprinkled evenly into the first coat whilst wet. Allow to cure then brush off. Use approx. 500gm/m². Seal surface with second coat.
- On vertical applications avoid over coating as this can cause sagging.
- Full details on the chemical resistance of the system are available from GIC Customer Services.

Limitations in Use

- Not suitable for damp floors, or floors which are likely to become damp.



- Not designed for heavy traffic loading or high impact. In these areas use higher build coatings such as **TuffFloor DryCote**.
- Not for installation in enclosed rooms without ventilation.

Coverage

6-8 m²/ litre/ coat depending on surface texture and roughness. Two coats required.

Packaging & Storage

TuffFloor EpoxyPaint SB is supplied in three components of base (A), reactor (B) and solvent plasticiser (C) pack sizes are 5 litre and 15 litre units. Sealed and unopened units can be stored for up to 9 months in shaded, dry warehouses at less than 35°C.

Health & Safety

TuffFloor EpoxyPaint SB contains liquid epoxy resin, a polyamine compound and solvents. Ensure adequate ventilation. Avoid contact with eyes, mouth, skin and foodstuffs. Wear suitable gloves and eye/ face protection. Do not inhale fumes. Wash hands with soap and water after use. Harmful if in contact with skin and if swallowed. Causes burns. Seek immediate medical attention if in contact with eyes or ingested.

Other Industrial Flooring products available from GIC.

TuffFloor EpoxyPaint WD-Matt finish, water dispersible epoxy floor coating.

TuffFloor EpoxyCote WD & WD Matt- High build water dispersed epoxy floor coating.

TuffFloor EpoxyCote AS- Antistatic floor coating.

TuffFloor DryCote & DryCote 100- High build chemical resistant liquid resin floor coatings.

TuffFloor AntiStatic- 2.5-4mm seamless, self smoothing, chemical resistant static conducting floor system.

TuffFloor Smooth & Smooth HD- 2.5- 8mm seamless chemical resistant, decorative self smoothing screeds.

TuffFloor Mortar- 4-8mm heavy duty, chemical resistant epoxy floor screed.

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