



Technical Data Sheet

Description

Tek-Floor SB is a two component solvent based epoxy resin based coating for concrete and metal surfaces. This coating provides a protection to both cementitious and metal surfaces against abrasion and light to medium chemical spillages.

Advantages

- Easy to use
- Economical
- Good resistance to wide range of chemicals
- Provides a dust free surface
- Easy to clean
- Good wear and abrasion resistance.

Uses

Tek-Floor SB can be used as floor and wall coating to provide a hard bearing and dust free surface in the following areas;

- Air craft maintenance and assembly units
- Warehouses
- Pump rooms
- Car park decks

Application Properties

Properties	Typical Results
Color	Grey , other colors on request
Pot Life	60 minutes
Density (g/cc)	1.2 +/- 0.05
Minimum over coating	6 hours
Maximum over coating	24 hours
Solid content	65%
Bond strength	Greater than cohesive strength of concrete
Application Temperature	5°C- 35° C

Packing

Tek- Floor SB is supplied in 15 liter packs

Theoretical Coverage

6.5 m² / liter / coat at a dry film thickness of 100 microns.

Shelf Life

12 months when stored in factory packed unopened kit in a cool dry and elevated place away from direct sunlight excess humidity and at a temperature not more than 35°C.

Application Guidelines

Spraytek provides detailed method statements on all its products for use in various areas of applications. These must be referred to prior to carry-out the works. The information below is intended for guidance only.

Surface Preparation

The new concrete should be at least 28 days old and moisture content should be less than 7 %. The surface should be sound, clean, dry and free from any dirt, loose debris, oils, grease, curing compounds sealers etc. All dust and loose material should be removed by vacuum cleaning or sweeping from surface. Surface irregularities and blow holes are repaired using **Tek-crete EFC** or **Tek Crete EGP**. Surface should be vacuum cleaned to remove the dust debris left over after cleaning process.

Priming

On new concrete floors, priming is not required. **Tek-Floor SB** can directly be applied as a primer and the first coat. Part A to be taken in a suitable container and Part B (hardener) is added with thorough mixing using a spiral paddle mixer. Slow speed drill is usually recommended in order to reduce bubble formation.

Application

Once the material is mixed, apply the coating immediately within its pot life. Application to horizontal surface can be done with squeegee. On vertical surfaces, it can be applied with a roller or airless spray. The first coat to be applied at 6-7m²/ liter.

To get an anti-skid finish broadcast **TekGrip Aggregates** onto the first coat till it is wet. After the coating dries off completely, brush away the excess aggregate and apply second coat at the same coverage rate. Various textures can be obtained by varying the quantity of aggregate from 0.3 kg/ m² to 1.0 Kg / m² on to the base coat. For a smooth coating apply 2 coats @ 6-7 m²/lit observing minimum and maximum over coating times.

Cleaning

Clean all tools with **Tek-Clean** immediately after use. Hardened material can be removed mechanically only.

Technical Support

Spraytek offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

Health & Safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Reference #	TDS / STC / TFSB
Issue Date:	01/2012
Revision #	0

The information contained herein is to the best of our knowledge, belief, and accuracy. However, hence the conditions of handling and usage beyond our control. We make no warranty of results, and assume no responsibility or liability for any damages or consequential damage incurred by the use of the product. Our products are sold on the condition that the user shall evaluate them, as well as our recommendations. To determine their suitability for a particular purpose. The user is solely responsible for the selection of Spraytek products.



Spraytek Coatings LLC

P.O. Box 27356, Dubai, U.A.E., Tel.: +9714 2221432, Fax: +9714 2275750, Email: info@spraytek.ae

www.spraytek-me.com