

Technical Data Sheet

Description

Tek-Prime SB is a two component solvent based high performance epoxy primer suitable for use with a wide range of epoxy and polyurethane systems coating.

Advantages

- High penetrating
- Formaldehyde free
- Non-toxic
- Can be used as sealer

Specification

Complies with ASTM C881, Types 1 and III, Grade 1, Class B, C, D, E and F

Physical Properties*

Property	Typical Results
Appearance	Clear transparent liquid
Volume solids	45%
Specific gravity	0.95 ± 0.05
Pot life	60 minutes at 30°C
Touch dry	1 hours at 25°C
Mix ratio	4:1
Bond strength to concrete	Greater than cohesive strength of concrete

*The above properties are average laboratory values

Fire performance

BS 476 Part 7: Class 1 surface spread of flame

Packing

Tek-Prime SB is available in 5 and 15 lt. pack.

Theoretical Coverage

9 m² per liter at 50 microns DFT

Actual coverage will depend on wastage & surface profile, and can be up to 20-30% or more higher than the above theoretical coverage.

Shelf Life

12 months when stored in cool dry environment in factory packed unopened containers between 5°C to 25°C.

Installation Guidelines

Spraytek provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting the work. The information below is a summary intended for guidance only.

Surface Preparation

Concrete substrate must be structurally sound. Loose or unsound concrete should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

The substrate must be prepared to create a 'key' for bonding by shot blasting. Any blow holes should be filled with **Tek-Crete EFC**. The moisture content of the concrete substrate should be less than 7%.

Mixing

Tek-Prime SB is supplied as a two component epoxy resin product. Add 'Part B' to the 'Part A' into suitable clean container and slowly mix with low speed drill (300-500 rpm) with mixing paddle.

Mix approximately for 3-5 minutes to achieve streak free consistency. Improper mixing will result in a soft or tacky / uncured surface. DO NOT add thinner or any solvents.

Application

Apply 50 microns per coat WFT using medium pile roller. If the substrate porosity is too high, recocat after 4 to 16 hours at 35°C.

Anti-slip resistant finish

Anti-slip resistant can be achieved by broadcasting **Tek-Grip Fine** or **Tek-Grip Medium** at the rate of 0.5 to 1.0 kg per m², depending upon the required anti-slip surface finish, on a 100 microns thick primed surfaces.

Precautions

Do not add any thinner or solvent.
Do not mix by hand.
Do not part mix, use full pack.
Do not apply in wet conditions or at temperature below 3°C of the dew point.
Do not over mix the product.
Do not dispose into water drains.

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.

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