

## TRI- PRIME SB

**Two Component Low Viscosity Transparent Epoxy Primer for concrete and steel surfaces**

### Description

**Tri -Prime SB** is a two component, transparent epoxy primer low viscosity based on epoxy resin solvent base, poly-amide curing agent and high selective solvents, to give high quality primer before application top coat of epoxy or polyurethane on the concrete surfaces.



### Uses

**Tri -Prime SB is specially used as**

- Prime for epoxy and polyurethane flooring coat.
- Prime for joint sealant.
- Sealing for hair cracks.
- Surfaces hardening for concrete surfaces
- Anti -dust for concrete surfaces

### Advantages

- Solvent base.
- Low viscosity.
- Easy to apply by brush, roller, squeegee, airless spray.
- Colorless.
- Extend pot life.

### Technical Data @°25c

DISCRETIONS	VALUE
Color	Transparent
Solid Content (by weight)	45± 2 %
Solid Content (by volume )	38 ± 2 %
Density	0.95± 0.02 kg/l
Mixing ratio, A: B by weight	2.33 A : 1 B
Pot life	4 hours. (Decreases at higher temperatures)
Initial setting time	2 hours
Final setting time	24 hours
Full hardness	7 days
Re-coating time	8 – 14 hours (depending on weather and DFT conditions)
Min. Application temperature	10° C
Rate of use (theoretical)	5 -7 m <sup>2</sup> / kg (depending on surface conditions)
Adhesion strength to concrete	1.53 concrete failuer
Adhesion strength to steel ASTM C321	2.84 N/mm <sup>2</sup>

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## **TRI- PRIME SB**

**solvent base epoxy primer for concrete and steel**

### **Derictions for use**

#### **Surface preparation**

##### **Concrete**

Ensure that the concrete floor is 28 days old and the surface moisture content less than 5% prior to the application of the primer.

Clean the surface of all dust, dirt, degradable type of curing compound, oil and grease, cement laitance and other contaminants which will affect the bonding. Shot blasting and grinding of the concrete surface is recommended for cleaning the surface. Cracks, blow holes and surface imperfections should be repaired with **Tri- Epoxy Putty** repair mortar.

##### **Steel**

Steel surfaces should be degreased and grit blasted to SA 2

##### **Mixing**

Pour Part B into the Part A pail and mix thoroughly with a mixing paddle for 2 to 3 minutes till a homogeneous and uniform consistency is achieved.

It is always recommended to mix a complete kit at a time. However, for small areas, part mixing may be carried out by employing proper weight measures.

##### **Application**

The primer may be applied by brush, roller or squeegee.

The primer shall be allowed to cure ( tack free ) before applying further coats.

In case of epoxy mortar the primer should be tacky.

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### **Cleaning**

Clean all tools and equipment immediately after use with **Tri- sol 20**.

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### **Package**

2.5, 12.5 Kg / pack

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### **Shelf Life**

2 years in original packing

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### **Storage**

Store the material in a cool, covered dry place. Do not expose the pails to Direct sunlight and keep away from all sources of heat.

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### **Health and Safety**

Epoxy Resins contain irritants, especially to the skin, eyes.

Persons handling these materials should use appropriate protective clothing, including rubber or plastic gloves. If the epoxy resin should contact the skin, it should be removed immediately with a dry cloth or paper towel, and the areas of contact washed thoroughly with soap and water.



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