

## TRI- PRIME SF

**Epoxy resin solvent free primer for concrete and steel**

### Description

**Tri -Prime SF** is a two component, transparent solvent free epoxy primer.



### Uses

**Tri -Prime SF** is a high performance primer, improving adhesion of epoxy coating, flooring and repair products to the surface of concrete and steel.

**Tri -Prime SF** could be mixed with suitable amount of selective aggregated silica quartz with different size to produce high mechanical resistance epoxy mortar, terrazzo with different decorative colors.

### Advantages

- Excellent adhesion to most surfaces .
- Easily applied by brush or roller.
- Ideally suited for applications over well prepared surfaces.

### Technical Data @°25c

DISCRETIONS	VALUE
Color	Transparent
Solid Content (by weight)	98± 2 %
Density	1.05± 0.02 kg/L
Mixing ratio, A: B by weight	2 A: 1 B
Pot life	45 min. (decreases at higher temperatures)
Initial setting time	8-12 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)

### Derictions for use

**Tri-Prime SF** should be applied to a sound clean and dry surface to achieve a maximum bond strength between substrate and flooring, coating and repair products.

#### Surface preparation

##### New concrete surfaces

Should be at least 28 days old and give a hydrometer reading not exceeding RH 75% when tested in accordance with BS 8203.

Dry removal of laitance by captive blasting or mechanical scarification is Recommended.

Dust and other debris should be removed by vacuum brush.

**page 1 of 2**



#### Factory & Head Office:

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14  
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597  
Technical Support Call : (002) 011 184 87880 - Email: sales@trichem-eg.com

www.trichem-eg.com

## **TRI- PRIME SF**

### **Epoxy resin solvent free primer for concrete and steel**

#### **Old concrete surfaces**

Preparation should be carried out as for new concrete floors.

Oil and grease penetration should be removed by hot compressed air treatment.

#### **Steel**

Should be blasting for cleaning.

Remove all grease, oil and any fatty materials.

#### **Mixing**

The entire contents of the part B can should be poured into the part A container and the two materials mixed thoroughly for about 2 to 3 minutes.

#### **Application**

**Tri-Prime SF** should be applied immediately after mixing in a thin continuous film using stiff brushes or rollers. Avoid over application and puddles.

**Tri-Prime SF** should be allowed to become tack - free prior to the application of epoxy coating or self leveling floorings, but in case of epoxy mortar , it should be tacky.

---

### **Cleaning**

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

---

### **Package**

3, 12. Kg / pack

---

### **Shelf Life**

2 years in original packing

---

### **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.

---

### **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.

#### **Factory & Head Office:**

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14  
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597  
Technical Support Call : (002) 011 184 87880 - Email: sales@tichem-eg.com