

## Techno Epoxy Zinc

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### Single component zinc primer coating based on special modified synthetic resin

#### Uses

**Techno Epoxy Zinc** is specially made for:-

- Protect ferrous metals from corrosion
- Economical anti-corrosion coating in industrial and marine coatings.
- Anti-corrosion coating for spot repair for steel reinforcement of reinforced concrete.

#### Advantages

- Active zinc-rich system combats corrosion by electrochemical means
- Quick drying single component and easy to apply
- Economical-single component ensures almost no waste.
- Compatible with most coating systems
- Can be spray applied up to 75µm dft
- Time saving – touch dry after 15 to 45 minutes

#### Description

**Techno Epoxy Zinc** is a single component zinc primer based on a special modified synthetic resin and micro fine metallic zinc.

#### Coating system

Steel blast clean to SIS-Sa2½

- One coat of **Techno Epoxy Zinc** of 75 microns.
- Two coat of top coats total film thickness 150- 200 µm

Manual - de - rusted steel bars:

One coat of **Techno Epoxy Zinc** of 100 µm

#### Coverage

**Techno Epoxy Zinc:** 3-3.5 m<sup>2</sup>

Note: this coverage figure is theoretical – due to wastage factors and the variety and

nature of possible steel substrates, practical coverage figures may be improved.

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### Modern Technologies for Construction Chemicals

Factory: Wadi Elnatroun - First Industrial Area.  
Head Office: New Maadi - 3\288 St. from Aljazaer St.  
Fax. & Tel.: 02-25200833      Mob. : 010 209 65554  
[www.mtcchem.com](http://www.mtcchem.com)

### **Properties**

Color	: Grey
Gloss	: Matt
Solid content	: Approx 80% by weight 62.5 by volume
Specific gravity	: Approx 1.65g /cm <sup>3</sup>
Full Cure	: 24 hrs.
Recommended dft	: 75-100 µm/ one coat
Drying times	: at20C°                      at30C°
touch dry	: 15 min                      10 min
Recoating time	: 4 hrs.                      3 hrs.

### **Applications method**

(Recommended thinner MTC Sol 101) flash point 29 C°.

By brush & roller : -Volume of thinner 0 - 5

Air spray : -Volume of thinner 0 - 10%

Over coating time for dft 75-100 microns.

Substrate temp. C°:	20 C°	30C°	40C°
Interval:	4 hrs.	3hrs	2hrs.

### **Note:**

- Removing any contamination on the surface by high pressure water cleaning or mechanical cleaning.

### **Health And Safety**

- Wear protective cloths, gloves, glasses and face protection.
- For skin contact, remove it with suitable cream and followed by soap and water cleaning.
- For eye contact rinse with plenty clean water and then seek medical advice.
- For more details, require safety data sheet for the product.

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