



The Chemical Company

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PRODUCT DATA

3 03 01 20 Maintenance of  
Concrete Reinforcing

# ZINCRICH REBAR PRIMER

One-component zinc-rich epoxy primer for steel reinforcement

## Description

Zincrich Rebar Primer is a one-component epoxy primer. It is designed to prime and protect reinforcing steel. Zincrich Rebar Primer combats corrosion through electro-chemical means by preventing anode transfer.

## Yield

150 – 250 lineal ft per quart (1/2" # 4 rebar)

## Packaging

1 quart (0.9 L) cans

## Color

Metallic gray

## Shelf Life

1 year when properly stored

## Storage

Store and transport in cool, clean, dry conditions between 40 and 85° F (4 and 29° C) in unopened containers.

## Features

- Dries to touch in 15 – 45 minutes
- Epoxy chemistry
- No restrictive pot life
- One-component product

## Benefits

- Time saving
- Compatible with all repair mortars
- Allows ample time for proper application
- Easy to use

## Where to Use

### APPLICATION

- As a primer for existing reinforcing steel

## How to Apply

### Surface Preparation

1. Fully expose any corroded steel in the repair area. Remove all loose scale and corrosion deposits, paying particular attention to the back of exposed steel bars.
2. Mechanically abrade all exposed steel to remove corrosion from pits and imperfections within its surface.
3. If a significant portion of cross-section has been lost, replace or supplement the reinforcing steel.

### Application

1. Zincrich Rebar Primer must be stirred thoroughly before using.
2. Apply Zincrich Rebar Primer to a dry surface as soon as possible after completion of the preparation work—but always within 3 hours. Apply 1 full and unbroken coat with suitable brush, making sure the back of the exposed steel reinforcing bars are properly coated.
3. Apply 2 coats each at 4 mils WFT to ensure complete coverage of the surface. Allow the first coat to fully dry before applying the second.
4. Concrete-repair materials can be applied as soon as the Zincrich Rebar Primer is fully dry (generally 20 minutes to 1 hour). Do not leave the primed surfaces exposed to the elements for longer than 7 days before overcoating or applying repair materials.

## Clean Up

Clean hands and skin immediately with soap and water or industrial hand cleaner, not solvents. Remove Zincrich Rebar Primer from tools, equipment, and mixers with xylene immediately after use.

## For Best Performance

- Do not use a 100% solids epoxy bonding agent on steel that has been prepared with Zincrich Rebar Primer.
- Do not apply Zincrich Rebar Primer when the ambient or substrate temperature is below 40° F (4° C), when the temperature is above 95° F (35° C), or if the temperature is within 5° F (3° C) of the dewpoint.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.



## Technical Data

### Composition

Zincrich Rebar Primer is a one-component epoxy primer.

### Typical Properties

PROPERTY	VALUE	
<b>Specific gravity</b>	2.1 – 2.2	
<b>Recommended thickness per coat</b> , mils, DFT	2	
<b>Drying times</b>	68° F (20° C)	95° F (35° C)
Touch dry, min	45	15
Fully dry / recoatable, min	30 – 60	20 – 45

All application and performance values are typical for the material, but may vary test methods, conditions, and configurations.

## Health and Safety

ZINCRICH REBAR PRIMER

### Warning

Zincrich Rebar Primer contains Zinc, Xylene, Epoxy resin, Methyl ethyl ketone, Ethyl benzene, Zinc oxide, Inorganic lead.

### Risks

Flammable liquid and vapor. May cause skin and eye irritation. Ingestion may cause irritation. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Suspect cancer hazard. Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

### Precautions

KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. Vapors are heavier than air. Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

### Proposition 65

This product contains materials listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

### VOC Content

581 g/L or 4.84 lbs/gal less water and exempt solvents.

**For medical emergencies only,  
call ChemTrec (1-800-424-9300).**

## BASF Construction Chemicals, LLC – Building Systems

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