

# SPECPREP EZ



## Anti-Corrosion Reinforcement Coating

### DESCRIPTION

SPECPREP EZ is a one-component, anti-corrosion rebar coating and bonding agent. SpecPrep EZ contains a migrating anti-corrosion technology to help protect surrounding metals and provide an protective coating for steel rebar in concrete restoration. SpecPrep EZ also acts as a bonding agent for fresh concrete or repair mortars to existing concrete. SpecPrep EZ provides a dense, high alkaline barrier that resists penetration of water and chlorides but will not form a vapor barrier after cure.

### FEATURES/BENEFITS

- Anti-corrosion coating for steel reinforcement
- Mixes with water only
- Interior/exterior, above or below grade
- VOC Compliant/Solvent Free = 0 grams per liter
- Breathable for exterior on grade applications
- Long open time ...up to 4 hours
- Easy to apply by spray or brush
- Protects both anodic and cathodic areas

### APPLICATION

**Surface Preparation:** Surfaces to be bonded must be clean, structurally sound and free of all oil, grease, dirt, laitance, rust, curing compounds, and any other foreign material. Abrasive blast cleaning and mechanical removal methods are recommended. Abrade the concrete surface to achieve a CSP profile of CSP 5-7 per ICRI Guideline # 310.2-1997. Mechanically clean/abrade all expose steel down to white metal paying close attention to the back of exposed rebar.

**Mixing Instructions:** Air, material and surface temperatures must be a minimum of 45° F (7° C) prior to mixing or installation. Add 5.0-5.5 pints of clean potable water to container. Slowly add the SpecPrep EZ and mix with a low speed drill using a mixer or paddle for 2 minutes until a smooth, lump free consistency is achieved. Allow the material to sit for 2 minutes then remix for 30 sec. Mix only as much material as can be used within the pot life.

**Steel Reinforcement Anti-Corrosion Coating:** Apply 2 applications of SpecPrep EZ by brush or sprayer at a thickness of 20 mils per coat to properly prepared steel reinforcement. **Allow 2-4 hours to dry between applications.** Be sure to coat the backside of the rebar. Apply repair mortar or concrete after the 2nd coat as dried at least 6 hours and within 7 days.

**Bonding Agent:** Apply SpecPrep EZ to the SSD substrate with a stiff brush, or by spraying with a hopper gun. SpecPrep EZ should be applied at the rate of 65-75 sq ft per gallon to a minimum thickness of 20 mils. Optimum adhesion will be achieved when concrete or repair mortar is applied immediately (wet) or up to 4 hours @ 70°F.

### CLEAN UP

Clean tools and equipment with water immediately after use and before the material dries. Hardened material will require mechanical abrasion for removal.

### PACKAGING/COVERAGE

**20 lb plastic pails**

(mixed with 5.5 pints water = 1.5 gals of mixed coating)

**Approx. coverage per coat = 115-125 sq-ft/unit**

*Coverage dependent on substrate conditions and application methods and does not include waste*

### SHELF LIFE

Store SpecPrep EZ in the original tightly closed containers. The shelf life of properly stored product is 1 year from date of manufacture.

### TYPICAL PROPERTIES

Mix Ratio (per 20 lb unit)	29% by weight (5.5 pts)
Mixed Color:	Red
Pot Life:	50-60 min. @ 70°F
Dry Time between coats:	approx. 2 hrs @ 70°F

#### Yield per gallon on Reinforcing Steel (based on two coats @ 20 mils each)

Bar Size	Linear Ft. Covered
#4	200
#5	160
#6	140
#7	120
#8	100

Actual coverage will be dependent on application methods, site conditions, and does not include waste



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## LIMITATIONS

Precondition material to approximately 70° F for 24 hours before using.

Protect from unmixed material from freezing

Protect applied material from freezing for 24 hours.

Minimum thickness for bonding is 20 mils

Minimum thickness for anti-corrosion is 40 mils

Surface, ambient air, and material temperatures must be between 45° F and 90° F.

Protect treated areas from contamination prior to application of repair mortar or concrete.

Wind and excessive heat will shorten open time.

## PRECAUTIONS

Prolonged or repeated skin or eye contact may cause irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses and wear protective rubber gloves. In case of ingestion, call a physician. Contact with skin may cause chemical burns. Wash immediately with soap and water. Avoid eye contact. If eye contact occurs, flush immediately with water. Product is a strong sensitizer. Avoid breathing vapors. Use safety glasses and wear protective rubber gloves. In case of ingestion call a physician.

### INDUSTRIAL USE ONLY

Additional precautions, safety and first aid information are contained in the SDS Safety Data Sheet.

## WARRANTY

### NOTICE-READ CAREFULLY

#### CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

#### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

#### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



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