



# THE EUCLID CHEMICAL COMPANY

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## EUCO #512 VOX EPOXY SEALER



## PENETRATING EPOXY SEALER

XENG.SPECS    ◆CATALOG INDEX

◆MSDS        ◆SECTION INDEX

XFRENCH      ◆PRINT

XSPANISH     ◆EXIT CATALOG

**EUCO #512 VOX EPOXY SEALER** is a two-component epoxy system designed to penetrate concrete surfaces. It fills surface pores resulting in improved wear resistance and lower absorption of water and salts. This system is supplied as a 20% solids formulation.

### PRIMARY APPLICATIONS

- Parking decks
- Bridge decks
- Industrial floors
- Improve durability of dusting concrete surfaces

### FEATURES/BENEFITS

- Maximum penetration
- Improves wear and chemical resistance
- Reduces water and salt absorption
- Dustproofs soft floor surfaces
- Available for U.S.D.A. approval

### SPECIFICATIONS/COMPLIANCES

- EUCO #512 VOX EPOXY SEALER is U.S.D.A. approved for use in inspected facilities.
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table I Subpart D for Industrial Maintenance Coatings with a maximum V.O.C. content of 450 g/l.

### PACKAGING

EUCO #512 VOX EPOXY SEALER is an epoxy system that utilizes a 2 to 1 ratio by volume - 2 gallons of Part A is mixed with 1 gallon of Part B. The units are pre-proportioned and packaged in 3 gal (11.4 liter) kits.

### **TECHNICAL INFORMATION**

#### **Typical Engineering Data**

The following results were developed under laboratory conditions.

Suitable for foot traffic ..... 12-24 hours  
 Suitable for wheel traffic ..... 48 hours  
 Total Solids: ..... 20%  
 Pot Life: ..... 4 hours  
**VOC Content:** ..... 58 g/l

**Shelf Life:** 1 year in original, unopened package

#### **Appearance**

EUCO #512 VOX EPOXY SEALER is a clear, two-component epoxy system consisting of a Part A and a Part B. After placement and curing, the product has a smooth, semi-gloss appearance.

Broadcast a light application of silica sand for a slip resistant finish.

#### **COVERAGE**

##### **Coverage Rates - ft<sup>2</sup>/gal (m<sup>2</sup>/liter)**

Concrete Surface	First Coat	Second Coat
Troweled Smooth	250-300 (6.1-7.4)	400-600 (9.8-14.7)
Broomed Textured	200-300 (4.9-7.4)	300-400 (7.4-9.8)

Two coats are recommended for best results.

The concrete surface texture greatly affects coverage rates and final appearance. Additionally, introducing silica sand for slip resistance will reduce coverage rates. Do not apply at less than 150 ft<sup>2</sup>/gal (3.7 m<sup>2</sup>/liter). Apply a second coat if a thicker film is desired. Allow the first coat to dry tack free (but wait no more than 24 hours) before the second coat is applied.

**Material requirements**-A two coat application using a coverage rate of 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/liter) will require approximately 5 gal (18.9 liter) of material per 1000 ft<sup>2</sup> (92.9 m<sup>2</sup>) of area.

## **DIRECTIONS FOR USE**

**Surface Preparation**-New concrete must be a minimum of 28 days old and possess an open surface texture with all curing compounds and sealers removed.

The concrete must be clean and sound. All oil, dirt, debris, paint and unsound concrete must be removed. Pressure washing and/or power scrubbing is recommended.

The concrete surface can be damp or dry at the time of application of EUCO #512 VOX EPOXY SEALER. However, best results are obtained when the concrete is damp with all puddles removed.

**Mixing**-All materials should be in the proper temperature range of 60°F - 90°F (16°C - 32°C). Preshake Part A and add the entire container of Part B to all of the Part A. Mix for 2-3 minutes using a mechanical (drill) mixer. The epoxy must be well mixed to ensure proper chemical reaction. After mixing, place immediately.

**Placement**-To apply the sealer to concrete, use a pump-up or airless sprayer for best results. A short nap roller or lambs wool applicator may also be used.

## **CLEAN-UP**

Clean tools and equipment with warm, soapy water before the material dries.

## **PRECAUTIONS/LIMITATIONS**

- Avoid application at air and floor temperatures below 50°F (10°C).
- Store indoors at 45° to 110°F (7° to 43°C).
- Use in a well ventilated area.
- Keep away from sparks and open flames.
- Follow application rates. Heavy applications will result in improper curing and poor performance.
- Wear organic face masks during application.
- Do not apply over curing membranes and sealers.
- Do not use on a surface previously treated with a chemical hardener such as EUCOSIL or SURFHARD.
- Product may discolor with outdoor use.
- If HVAC intake ducts will distribute solvent odor into adjoining occupied areas of the building, care should be taken to block these ventilation vents.



Form Euco #512 VOX Epoxy Sealer-9.01

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