



EUCO #512 VOX EPOXY SEALER

PENETRATING EPOXY SEALER

EUCLID CHEMICAL

PACKAGING

3 gal (11.4 L) kit
Code: 139 13

APPROXIMATE COVERAGE

See coverage rate section below for application rates.

CLEAN UP

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

SHELF LIFE

1 year in original, unopened package

DESCRIPTION

EUCO #512 VOX EPOXY SEALER is a two-component, water-based epoxy designed to penetrate and seal 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.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Improves wear and chemical resistance
- Reduces water and salt absorption
- Water-based, low odor
- Resistant to mild acids
- Can be used as a primer under epoxy or urethane coatings
- Resistant to gasoline and other solvent spills

PRIMARY APPLICATIONS

- Parking decks
- Bridge decks
- Industrial floors
- Improve durability of dusting concrete surfaces
- Seals and protects concrete flooring in livestock pens and facilities

APPEARANCE

EUCO #512 VOX EPOXY SEALER is a two-component epoxy system consisting of Part A and Part B. When first applied, it has a milky-white appearance. After curing, the product has a clear, smooth, semi-gloss appearance. Broadcast a light application of silica sand for a slip resistant finish.

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Suitable for foot traffic 12 to 24 hours
Suitable for wheel traffic 48 hours
Total solids 20%
Pot Life 4 hours
VOC Content 68 g/L
Mix Ratio 2:1 (A:B) by volume

COVERAGE

<u>Concrete Surface</u>	<u>First Coat, ft²/gal (m²/L)</u>	<u>Second Coat, ft²/gal (m²/L)</u>
Troweled smooth	250 to 300 (6.1 to 7.4)	400 to 600 (9.8 to 14.7)
Broomed textured	200 to 300 (4.9 to 7.4)	300 to 400 (7.4 to 9.8)

Material Requirements: A two coat application using a coverage rate of 200 ft²/gal (4.9 m²/L) will require approximately 5 gal (18.9 L) of material per 1000 ft² (92.9 m²) of area. 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 ft²/gal (3.7 m²/L). 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.

DIRECTIONS FOR USE

Surface Preparation: New concrete must be a minimum of 7 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 to 90 °F (16 °C to 32 °C). Pre-mix Part A and add the entire container of Part B to all the Part A. Mix for 2 to 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.

PRECAUTIONS/LIMITATIONS

- Avoid application at air and floor temperatures below 50 °F (10 °C).
- Store indoors at 45 °F to 110 °F (7 °C to 43 °C).
- Follow application rates. Heavy applications will result in poor performance and a blotchy appearance.
- When using EUCO #512 VOX EPOXY SEALER as a primer, ensure adhesion and compatibility with the topcoat with a test section prior to use.
- Do not apply over curing membranes and sealers.
- Do not use on a surface previously treated with a liquid densifier, paint, or coating.
- Product may discolor or chalk with outdoor use.
- In all cases, consult the Safety Data Sheet before use.

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