



EUCOCURE VOX

WATER-BASED, ECONOMICAL CURE & SEAL FOR CONCRETE

PACKAGING

55 gal (208 L) drums (MTO)
Code: 050XX 55

5 gal (18.9 L) pails (MTO)
Code: 050XX 05

CLEAN UP

Warm, soapy water
(see "Clean-Up and Removal")

SHELF LIFE

2 years when stored properly

SPECIFICATIONS/ COMPLIANCES

- VOC Content: 5 g/L
- ASTM C309, Type 1, Classes A & B
- AASHTO Specification M 148, Type 1, Classes A & B

DESCRIPTION

EUCOCURE VOX is an economical water-based acrylic curing and sealing compound. This product assists in maintaining adequate moisture content in new concrete so that desired properties can develop. The acrylic seal provided by EUCOCURE VOX provides moderate protection against water penetration and gives the concrete a low-sheen appearance.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Low odor

PRIMARY APPLICATIONS

- Curing and sealing concrete
- Interior and exterior applications

COMMON METHODS

- Industrial pump-up sprayer with high solids-nozzle
- Short-nap roller

APPEARANCE

EUCOCURE VOX is a milky white liquid in the container. After application and drying, EUCOCURE VOX will slightly darken concrete, and will have a low-gloss finish. A small test area is strongly recommended to confirm appearance prior to beginning full application.

APPLICATION PROPERTIES

These properties are based on laboratory conditions at 70 °F. Expect variation based on jobsite conditions.

Solids content:	15%
Dry to touch:	1 hour
Recoat:	2 to 4 hours
Foot Traffic:	4 to 6 hours
Wheel Traffic:	6 to 10 hours
Moisture Loss (ASTM C156):	< 0.55 kg/m ²

COVERAGE

New Concrete

1st Coat:	200 to 300 ft ² /gal (4.9 to 7.4 m ² /L)
2nd Coat:	300 to 400 ft ² /gal (7.4 to 9.8 m ² /L)

Existing Concrete & Re-Sealing

1st Coat:	300 to 400 ft ² /gal (7.4 to 9.8 m ² /L)
2nd Coat:	350 to 450 ft ² /gal (8.6 to 11.0 m ² /L)

*Coverage rates are approximations. Actual coverage will vary based on temperature, texture, and substrate porosity.

DIRECTIONS FOR USE

Surface Preparation: For existing concrete, the surface must be clean of any and all surface contaminants, and free of standing water. If applying EUCOCURE VOX to previously sealed concrete, call Euclid Chemical to check compatibility. If the chemical makeup of the previous sealer is unknown, a small test section is strongly recommended to check compatibility between EUCOCURE VOX and the old sealer. When applying EUCOCURE VOX to freshly poured concrete as a cure & seal, the surface bleed water must be allowed to evaporate prior to applying EUCOCURE VOX, and the surface must be hard enough as to not be marred during product application.

Mixing: EUCOCURE VOX requires no pre-blending prior to use. Euclid Chemical water-based cure & seals, like EUCOCURE VOX, are not compatible with Euclid Universal Color Packs or Euco Grip. If use of color or slip-resistant additive is desired, consider using a Euclid Chemical solvent-based cure & seal instead.

Application: Apply at the recommended coverage rate using an industrial pump-up sprayer with a high-solids nozzle and a short-nap roller. Apply sealer uniformly to the concrete using sprayer, then lightly backroll the sealer to ensure even coverage. Maintain a “wet edge” while spraying, and backroll over sprayer lap marks for best appearance. EUCOCURE VOX may be applied by roller alone, but extra care must be taken to ensure that the sealer is applied uniformly, and at the proper coverage rate. Re-distribute any puddles or runs before EUCOCURE VOX dries. Protect freshly coated surfaces from rain or heavy fog for a minimum of 24 hours after application.

Application of EUCOCURE VOX too heavily, in too many successive coats, or in multiple coats from re-sealing too frequently can cause failure to dry completely, bubbling, whitening, peeling, flaking, and ultimately, failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and then measure the corresponding volume of product required based on the coverage rate. In addition, applying EUCOCURE VOX in hot weather/direct sunlight or onto a hot surface can cause bubbling.

For additional guidance in applying Euclid Chemical curing and sealing compounds, visit our website to see an instructional video on the procedure.

CLEAN-UP AND REMOVAL

Tools and equipment may be cleaned with warm, soapy water immediately following use. Clean drips and overspray with warm, soapy water while still wet. Run warm, soapy water through spray equipment to remove residual materials and prevent clogging of nozzle in future use. If not cleaned immediately, the sealer may leave an unwanted residue on painted surfaces, glass, or wood.

Hardened/dried EUCOCURE VOX may be removed with a strong solvent such as xylene/xylol or MEK (always follow package directions and warning labels). EUCO CLEAN & STRIP is a citrus-based stripper that may also be used to remove this product. Alternatively, the product can be removed by sand blasting or other mechanical means.

PRECAUTIONS/LIMITATIONS

- Store EUCOCURE VOX indoors, protected from moisture, at temperatures between 50 °F and 90 °F (10 °C and 32 °C)
- Surface and ambient temperature during coating applications should be between 45 °F and 95 °F (7 °C and 35 °C)
- Material temperatures should be at least 50 °F (10 °C) and rising
- Do not apply EUCOCURE VOX to frost-filled or frozen substrates
- Do not apply EUCOCURE VOX in hot direct sunlight
- Do not apply EUCOCURE VOX over bleed water or free-standing water
- Do not apply EUCOCURE VOX if rain or heavy fog is expected within 24 hours of application
- Do not thin EUCOCURE VOX
- EUCOCURE VOX is not resistant to gasoline or other automotive fluids
- Salt water environments, including salt water pool decks, are harsh on sealers. Please contact your Euclid Chemical sales representative for recommendations.
- Do not apply adhesive tape to sealed surfaces as delamination may occur.
- EUCOCURE VOX will enhance color and darken substrates
- Excessive build up of EUCOCURE VOX or puddling of the product during application can lead to failure to dry completely, bubbling, whitening, peeling and/or flaking of the sealer, and discoloration of the concrete
- Applying thicker than recommended, applying in cool/cold weather, prolonged exposure to moisture (high humidity, rain), or lack of air flow may result in the sealer remaining soft/wet/tacky for longer than the times found on this data sheet
- When floor covering adhesives will be used following EUCOCURE VOX application, a test area is recommended to ensure compatibility of the adhesive with EUCOCURE VOX
- Application of a test area is strongly recommended to confirm final appearance and texture of the product with the end user
- In all cases, consult the product Safety Data Sheet before use

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