



# SUPER AQUA-CURE VOX

WATER-BASED, HIGH-SOLIDS, LOW ODOR CURE & SEAL FOR CONCRETE

EUCLID CHEMICAL

## DESCRIPTION

Super Aqua-Cure VOX is a high-solids, water-based acrylic polymer curing and sealing compound. SUPER AQUA-CURE VOX is suitable for use over new and old concrete and performs well on both interior and exterior surfaces. It enables fresh concrete to maintain adequate moisture, seals the surface, and provides an attractive sheen.

## PRIMARY APPLICATIONS

- Parking decks
- Interior & exterior concrete
- Industrial floors
- Basements & footings
- Walls
- Pavements

## FEATURES/BENEFITS

- Forms an efficient moisture barrier for optimum curing of concrete
- High solids content permits greater coverage and better durability
- Seals concrete surfaces to help protect against the effects of weathering
- Helps eliminate dusting of new concrete through good surface strength development
- Gives an alternative to solvent-based materials where fumes may be objectionable, undesirable, or non-compliant
- ▲ Can contribute to LEED points<sup>#</sup>

## TECHNICAL INFORMATION

Material properties tested under laboratory conditions @ 27°C, 50% RH.

PROPERTIES	VALUE	PROPERTIES	VALUE
Drying Time*	1 to 2 hours	VOC Content	174 g/L
Recoat	2 to 4 hours	Solids Content (by weight)	25%
Foot Traffic	4 to 6 hours	Moisture Loss ASTM C156	< 0.40 kg/m <sup>2</sup>
Wheel Traffic	6 to 10 hours		

**Appearance:** SUPER AQUA-CURE VOX is a milky white liquid in the container. After application and drying, SUPER AQUA-CURE VOX will slightly darken concrete, and will have a medium-gloss finish. A small test area is strongly recommended to confirm appearance prior to beginning full application.

\*Lower concrete temperatures, lower ambient temperatures, higher relative humidity, or a combination of the above will extend drying times.

## PACKAGING

SUPER AQUA-CURE VOX is packaged in 20 kg HDPE pails and 210 kg HDPE drums.

## SHELF LIFE

12 months in original, unopened container

## SPECIFICATIONS/COMPLIANCES

- ASTM C1315, Type 1, Class B
- ASTM C309, Type 1, Classes A & B
- AASHTO Specification M 148, Type 1, Classes A & B
- USDA compliant

## COVERAGE

APPLICATION	FIRST COAT m <sup>2</sup> /kg	SECOND COAT (OPTIONAL) m <sup>2</sup> /kg
Curing & Sealing Fresh Concrete	7.0 - 9.0	9.0 - 11.5
Sealing or Re-sealing Existing/Cured Concrete	7.0 - 9.0	9.0 - 11.5

**NOTE:** Coverage rates are approximate. Actual coverage depends on temperature, texture, and substrate porosity. Avoid excessive build-up of sealer, as this may cause discoloration and/or poor product performance.

## 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 SUPER AQUA-CURE 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 SUPER AQUA-CURE VOX and the old sealer. When applying SUPER AQUA-CURE VOX to freshly poured concrete as a cure & seal, the surface bleed water must be allowed to evaporate prior to applying SUPER AQUA-CURE VOX, and the surface must be hard enough as to not be marred during product application.

**Mixing:** SUPER AQUA-CURE VOX requires no pre-blending prior to use. Euclid Chemical water-based cure & seals, like SUPER AQUA-CURE 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. SUPER AQUA-CURE 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 SUPER AQUA-CURE VOX dries. Protect freshly coated surfaces from rain or heavy fog for a minimum of 24 hours after application.

Application of SUPER AQUA-CURE 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 SUPER AQUA-CURE 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

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.

## REMOVAL

Hardened/dried SUPER AQUA-CURE 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 SUPER AQUA-CURE VOX indoors, protected from moisture, at temperatures between 10°C and 32°C
- Surface and ambient temperature during coating applications should be between 7°C and 35°C
- Material temperatures should be at least 10°C and rising
- Do not apply SUPER AQUA-CURE VOX to frost-filled or frozen substrates
- Do not apply SUPER AQUA-CURE VOX in hot direct sunlight
- Do not apply SUPER AQUA-CURE VOX over bleed water or free-standing water
- Do not apply SUPER AQUA-CURE VOX if rain or heavy fog is expected within 24 hours of application
- Do not dilute SUPER AQUA-CURE VOX
- SUPER AQUA-CURE VOX is not resistant to gasoline or other automotive fluids
- SUPER AQUA-CURE VOX will enhance color and darken substrates
- Excessive build up of SUPER AQUA-CURE 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 SUPER AQUA-CURE VOX application, a test area is recommended to ensure compatibility of the adhesive with SUPER AQUA-CURE 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, refer the product Safety Data Sheet before use

# Contact sales representative



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