



# SUPER AQUA-CURE VOX

## HIGH SOLIDS, WATER-BASED CURE AND SEAL

EUCLID CHEMICAL

CURING & SEALING

### 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

### TECHNICAL INFORMATION

#### Typical Engineering Data

The following results were developed under laboratory conditions.

<b>Drying time*</b> at 23°C, 50% RH	1 to 2 hours	<b>Adhesion to concrete</b> (ASTM D 4541)	Excellent
<b>Recoat**</b>	2 to 4 hours	<b>VOC content</b>	<200 g/L
<b>Foot traffic</b>	4 to 6 hours	<b>Solids content</b>	>25%
<b>Wheel traffic</b>	6 to 10 hours	<b>Moisture loss</b> (ASTM C 156)	<0.40 kg/m <sup>2</sup>

\*Low concrete or air temperature and/or high relative humidity will extend drying times.

\*\*If a second coat will be applied, application must be within 4 hours of previous application to ensure proper intercoat adhesion.

**Appearance:** **SUPER AQUA-CURE VOX** is a white, opaque liquid. After application and drying, the film is clear with a slight glossy appearance. Heavy applications, application in cool, cold, or humid conditions, or prolonged exposure to moisture may cause **SUPER AQUA-CURE VOX** to be powdery or have a milky-white appearance. Follow all application instructions carefully.

### PACKAGING

**SUPER AQUA-CURE VOX** is packaged in 200 L drums and 20 L pails.

### SPECIFICATIONS / COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class B

SUPER AQUA-CURE VOX

MASTER FORMAT #:  
03 39 23

## SHELF LIFE

1 year in original, unopened package

## COVERAGE

Application: m <sup>2</sup> /L	First Coat	Optional Second Coat
Textured Concrete	7.4 to 9.8	9.8 to 2.2
Smooth/Troweled Concrete	8.6 to 11.0	11.0 to 13.5

Coverage will vary depending on surface porosity and texture.

**AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLOURATION AND POOR PRODUCT PERFORMANCE.**

## DIRECTIONS FOR USE

**Surface Preparation:** The concrete surface must be clean and free of standing water. Remove any foreign sealer or other material that may prevent the adhesion of **SUPER AQUA-CURE VOX**.

**Mixing:** **SUPER AQUA-CURE VOX** requires no preblending and should be used directly from the container.

**Application:** Apply at a uniform coverage by spray or roller application. If roller applied, use a short 0.95 cm nap sleeve.

**Curing and Sealing:** Apply **SUPER AQUA-CURE VOX** to the concrete surface as soon as finishing operations are completed, and the surface will not be marred by the application. Surfaces to be sealed must be clean of all dust, dirt, and debris and all free-standing water must be removed. Remove all oil and grease stains with strong detergents and degreasers. Apply **SUPER AQUA-CURE VOX** at recommended coverage rates.

**SUPER AQUA-CURE VOX** may be placed on top of a previous coat of the same product within 2 to 4 hours of the first application. If a second coat is to be applied more than 4 hours after the first, the first coat should be deglossed. The surface must be clean and dry for proper adhesion.

## CLEAN UP

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

## REMOVAL

Dried, cured **SUPER AQUA-CURE VOX** may be removed with strong solvents such as **EUCO SOLVENT**, xylene, MEK or toluene. Also acceptable are commercial paint strippers (always heed directions and warning labels). **EUCO CLEAN & STRIP** is a citrus based stripper than can also be used to remove this product. Alternatively, the product can be removed by sandblasting or by other similar mechanical means.

## PRECAUTIONS / LIMITATIONS

- Do not use in areas that are continually wet and where appearance is important. Product may turn milky white in these conditions and will clear upon drying.
- Do not allow containers of product to freeze. Store between 10°C to 38°C.
- For best application results, product temperature should be between 10°C to 38°C with ambient and surface temperatures between 7°C to 43°C.
- Do not apply over concrete that may receive concrete toppings, epoxy coatings or urethane coatings.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended to ensure good bond between the adhesive and **SUPER AQUA-CURE VOX**. Complete product removal or the use of **KUREZ DR VOX** is recommended to cure concrete in areas to receive movable carpet squares.
- Do not use as a bond breaker for tilt-up construction.
- Do not apply if rain or other sources of water are expected within 12 hours of application.
- Do not thin this product with water or other solvents.
- In all cases, consult the Safety Data Sheet before use.

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