

SUPER AQUA-CURE VOX

HIGH SOLIDS, WATER BASED CURE AND SEAL

DESCRIPTION

SUPER AQUA-CURE VOX is a water based, high solids membrane-forming liquid for curing and sealing concrete. SUPER AQUA-CURE VOX is suitable for use over new and old concrete and performs well on both interior and exterior surfaces. SUPER AQUA-CURE VOX resists "blushing" due to moisture and gives an attractive sheen to concrete.

PRIMARY APPLICATIONS

- Parking decks
- Exterior concrete
- Industrial floors
- Walls
- Basements & footings
- Interior concrete surfaces
- 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 protect against the effects of weathering
- Helps eliminate dusting 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.

Drying time* at 73°F, 50% RH 1 to 2 hours
Recoat** 2 to 4 hours
Foot traffic 4 to 6 hours
Wheel traffic 6 to 10 hours
Adhesion to concrete ASTM D 4541 excellent
VOC content < 200 g/L

Weatherometer testing ASTM G 53 @500 hours
Ultraviolet resistance good
Chalk resistance no chalking
Check/peel resistance no deterioration
Solids content 30%
Moisture loss (ASTM C 156) < 0.40 kg/m²

*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 or cold weather, or prolonged exposure to moisture will cause SUPER AQUA-CURE VOX to have a milky appearance. Drying will allow the product to become clear again.

PACKAGING

SUPER AQUA-CURE VOX is packaged in 55 gal (208 L) drums, 5 gal (18.9 L) pails and 6/1 gal (3.8 L) units per case.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class B
- AASHTO M 148, Type 1, Class A & B
- USDA compliant



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COVERAGE

Application: ft²/gal (m²/L)

Textured Concrete

First Coat

300 to 400 (7.4 to 9.8)

Optional Second Coat

400 to 500 (9.8 to 13.5)

Smooth/Troweled Concrete

350 to 450 (8.6 to 11.0)

450 to 550 (11.0 to 13.5)

Coverage will vary depending on surface porosity and texture.

AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLORATION 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 3/8" (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 that can also be used to remove this product. Alternatively, the product can be removed by sandblasting or by other similar mechanical action.

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 50°F to 100°F (10°C to 38°C).
- For best application results, product temperature should be between 50°F to 100°F (10°C to 38°C) with ambient and surface temperatures between 45°F to 110°F (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 RC or 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 Material Safety Data Sheet before use.

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