

KUREZ DR VOX

DISSIPATING CURING COMPOUND

DESCRIPTION

KUREZ DR VOX is a reduced odor, liquid membrane forming curing compound formulated from hydrocarbon resins and dissipating agents. KUREZ DR VOX provides an excellent initial cure for concrete, then begins to break down and deteriorate upon exposure to traffic and UV light. Dissipation begins approximately 4 to 6 weeks after application. After simple cleaning to completely remove the KUREZ DR VOX, the concrete is ready for the application of coverings, coatings, or sealers.

PRIMARY APPLICATIONS

- Curing interior or exterior* concrete
- Concrete that will later receive a covering or coating
- Where a long term membrane film is not desired on the concrete surface
- * *Product will discolor when exposed to sunlight*

FEATURES/BENEFITS

- Use of this product ensures proper curing resulting in stronger, more wear resistant concrete
- Helps to minimize dusting
- Breaks down quickly to allow subsequent application of floor coverings
- Quickly and easily applied by spray application
- Available in a fugitive dye formulation

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying Time* at 73°F, 50% RH: 1 hour
Foot Traffic: 2 to 4 hours
Wheel Traffic: 6 to 10 hours
VOC Content: 285 g/L
Solids Content: 16%
Moisture Loss (ASTM C 156): < 0.55 kg/m²

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

Appearance: The color of KUREZ DR VOX may vary from off white to pale yellow. Color variation does not affect product performance. KUREZ DR VOX may turn a deeper amber color upon exposure to UV light.

PACKAGING

KUREZ DR VOX is packaged in 55 gal (208 L) drums and 5 gal (18.9 L) pails.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Types 1 and 1D, Class A & B
- AASHTO M 148, Types 1 and 1D, Class A & B
- USDA compliant

COVERAGE

ft²/gal (m²/L)
Textured Concrete: 300 (7.4)
Smooth Concrete: 400 (9.8)

For good dissipation and easy removal, do not apply at a thicker film than indicated.



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DIRECTIONS FOR USE

Surface Preparation: As soon as possible after final troweling (or stripping of forms in vertical applications), apply KUREZ DR VOX at the recommended coverage rate.

Mixing: Material may separate during long term storage. Mild agitation or mixing is required before use.

Application: Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand held "pump-up" sprayer or an airless industrial sprayer. On vertical surfaces such as walls and columns, KUREZ DR VOX should be applied immediately after forms are stripped. **Do not apply at a thicker film than the suggested coverage rates allow. Heavy or uneven application can result in slow dissipation, difficult removal of the KUREZ DR VOX, and may discolor the concrete surface.** On interior hard troweled floors where a liquid densifier will be applied (and with approval from the project engineer), the coverage rate of KUREZ DR VOX may be increased to 400 ft²/gal (9.8 m²/L) in order to facilitate easier removal.

Dissipation and Cleaning: KUREZ DR VOX will begin to break down and lose adhesion from the concrete 4 to 6 weeks after application, but the exact time will vary depending on application rate, moisture level in the concrete, and the amount of exposure to UV light and construction traffic. Floors to receive coatings, sealers and coverings must be cleaned thoroughly to ensure complete removal of KUREZ DR VOX. The use of a heavy-duty floor cleaner such as EUCO CLEAN & STRIP is recommended to aid cleaning and removal. Scrub the floor with the cleaner and stiff bristle mechanical equipment, then rinse well with clean water. After proper clean-up, follow the instructions of the sealer, coating or covering manufacturer for the recommended surface preparation for the particular product to be applied. The use of KUREZ DR VOX does not eliminate the need to adequately clean and prepare the surface to assure good adhesion of the applied product, particularly when concrete or terrazzo toppings are to follow.

CLEAN-UP

Clean tools and equipment with warm, soapy water before KUREZ DR VOX dries.

PRECAUTIONS/LIMITATIONS

- Do not allow containers of this 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 90°F (10°C to 32°C) with ambient and surface temperatures between 45°F to 100°F (7°C to 38°C).
- After application, KUREZ DR VOX must remain uncovered and unprotected for proper dissipation.
- Do not apply at temperatures below 40°F (4°C).
- Do not use as bond breaker for tilt-up construction.
- Do not subject to rain or water for 12 hours after application.
- Not intended for use on architectural concrete panels unless complete removal is planned.
- Do not thin this product with water or other solvents.
- Longer dissipation times can be expected if the product is not exposed to traffic & sunlight or if the product is applied heavily or unevenly.
- In all cases, consult the Material Safety Data Sheet before use.

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PRODUCT DESCRIPTION

CCT WBW Cure is an emulsion of aliphatic ketones, petroleum resin and water. CCT WBW Cure is pigmented white and prevents the evaporation of gauging water that is critical to the proper hydration of concrete. CCT WBW Cure is formulated for ease of application, can be sprayed or rolled and will not yellow when exposed to UV light sources.

TECHNICAL DATA

Appearance:	White Liquid
Yield:	200-300 square feet per gallon
Shelf Life:	Approximately 1 year when stored properly
Drying Time:	Dries in a half hour at 25 C

USES

CCT WBW Cure is used to chemically cure concrete immediately after finishing operations. CCT WBW Cure can be used on any concrete structure that may be exposed to light source that can cause uneven hydration of the concrete structure. CCT WBW Cure is typically used in hot weather conditions on exterior slabs like walkways, curbs and gutters, concrete intersections, bridges and airport tarmacs. CCT WBW Cure increases the durability of the concrete structure by minimizing the temperature differential between the surface and rest of the slab and by creating a continuous film that maintains the moisture in the concrete matrix that is critical for hydration.

BENEFITS

- Economical
- Non-Yellowing
- Will not plug or clog sprayer
- Fast Drying

PREPARATIONS

Concrete should be clean and free of all laitance, oil, grease and other foreign substance. Concrete should be free of all standing water prior to applying CCT WBW Cure.

LIMITATIONS

Do not apply WBW Cure to base slabs that will have other flooring or coatings installed.

PROPERTIES

Applicable Standards:	Tested to ASTM C309
Density:	.991 kg/l (7.3 lbs/gal)

INSTALLATION INSTRUCTIONS

- Ensure concrete is clean
- Apply right after the disappearance of the surface sheen
- Apply WBW Cure by airless sprayer or roller
- Two light coats is preferred to one heavy coat

PACKAGING

21 Litre (5 Imperial Gallon) pails and 205 Litre (45 Imperial Gallon) drums

TECHNICAL SERVICES

Complete technical information is available from Concrete Chemical Technologies and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1-877-952-0157.

STORAGE AND HANDLING

Storage: Shelf life of one-year from date of manufacture in protected area at 5C- 30C (40-85F). Store in cool dry area out of direct sunlight. Store away from heat source, open flame or spark. Use in well ventilated areas only. Prevent contact with all sources of ignition.

Handling: Avoid prolonged or repeated skin contact. Wash hands thoroughly after handling and before eating or drinking. Keep away from children. See MSDS for additional information. Wear for use with solvents. Wear protective clothing, gloves, eye protection and respirator as required. Prolonged exposure may result in respiratory illness, dizziness or damage to the nervous system. Contractor shall abide by all

agency regulations for application use, storage and disposal of this materials. **Keep away from children**

SAFETY PRECAUTIONS

First Aid: Flush contaminated areas immediately and seek medical attention. Remove contaminated clothing. Wash hands with soap and water. Flush eyes with clean water or eye wash solution. Various solvents contain chemicals known to be embryonic toxicants. Consult WBW Cure MSDS for further information.

Warranty

Concrete Chemical Technologies Inc.'s sole warranty is that our products have been manufactured to meet with our written specifications. The information herein is general information to assist our customers in determining whether our products are suitable for their applications. Our products are intended for sale to commercial and industrial customers. We require customers to inspect and test our products before use and to satisfy themselves as to contents, suitability and applications. Nothing herein shall constitute any other warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose, nor is any protection from any law or patent inferred. All patent and trademark rights are reserved. The exclusive remedy for all proven claims is placement of our materials and in no event shall we be liable for incidental or consequential damages.