

# KUREKOTE 75 VOX

## V.O.C. COMPLIANT ACRYLIC CURE AND SEAL

**KUREKOTE 75 VOX** is a water based membrane forming liquid for curing, sealing, dustproofing and hardening concrete. **KURECOTE 75 VOX** is suitable for use over new and old concrete.

### PRIMARY APPLICATIONS

- Walls
- Industrial floors
- Basements
- Interior concrete surfaces
- Pavements
- Footings

### FEATURES / BENEFITS

- Forms an efficient moisture barrier for optimum curing of concrete.
- Seals concrete surfaces to protect against the effect of weathering.
- Hardens concrete surfaces by promoting proper cement hydration.
- Helps eliminate dusting through good strength development.
- Dries to a clear transparent film that resists yellowing under exterior or ultraviolet exposure (see precaution/limitations)
- Gives an alternative to solvent based material where these may be objectional, undesirable, or non-compliant.

### SPECIFICATION/COMPLIANCE

- ASTM C-309. Type 1, Class B
- All federal and state solvent emissions standards including California Air Regulation Board regulations, New York and New Jersey state requirements.
- U.S.D.A. approved for use in facilities where this sealer may come into incidental contact with food products.

### TECHNICAL INFORMATION

#### **Typical Engineering Data**

The following results were developed under laboratory conditions.

#### **Total solids**

per ASTM D - 4758 : 15%

#### **Drying times\***

ASTM D-1640 : 22°C, 55% R.H.

Hard: : less than 1 hour

re-coat time : 2 - 4 hours

\* The drying time of water based material is directly influenced by temperature and relative humidity. Low concrete or air temperature and/or high relative humidity will extend drying times.

#### **Adhesion to Concrete**

ASTM D-4541 : Concrete failure

#### **Intercoat Adhesion**

ASTM D-4541 : No intercoat failure

### **Weatherometer testing**

ASTM G-53, @ 500 hours

ultraviolet resistance : No yellowing

Chalk resistance : No chalking

Check/peel resistance : No deterioration

Note: Prolonged to moisture or water may result in a temporary opaque condition which clears upon drying. This is particularly true on textured surfaces or with excessively heavy applications.

### SHELF LIFE

2 years in original unopened containers.

### APPEARANCE

**KUREKOTE 75 VOX** is a white, opaque liquid. After application and drying, the film is clear with slight glossy appearance.

Heavy applications and /or prolonged exposure to moisture will cause the cured film to have a milky appearance. Drying will allow the sealer to become clear again.

### COVERAGE

Coverage Rates

Textured Concrete 4.9 - 7.4 m<sup>2</sup>/ltr

Smooth /Troweled 6.1 - 8.6 m<sup>2</sup>/ltr.

Follow recommended coverage rates. Avoid excessive build-up and heavy coverage rates.

**KUREKOTE 75 VOX** may be placed on top of a previous coat of the same product. The surface must be clean and dry for proper adhesion. Material will adhere to itself in multiple coats.

### PACKAGING

**KUREKOTE 75 VOX** is packaged in 210 ltr. drums and 20 ltr pails.

### DIRECTIONS FOR USE

**Surface Preparation** -The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent absorption of the **KURECOTE 75 VOX**.

**Mixing** - **KUREKOTE 75 VOX** requires no preblending and should be used directly from the container.

**Application** -Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand help "Pump-up" sprayer or with an airless industrial sprayer. If roller applied, use a short napped sleeve. Allow the product to dry 4-6 hours before exposure to significant traffic.

**Curing** - For the best cure of freshly placed concrete, apply **KUREKOTE 75 VOX** as soon as possible after finishing operations and/or immediately after the disappearance of the "Sheen" of surface moisture.

*"High Quality Construction Chemicals"*

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**Sealing** - When sealing old concrete, remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. **The surface must be clean and dampened with water prior to application; however, any standing water may be removed.**

This is necessary for proper film formation. A second application may be required to attain a uniform seal and surface gloss.

**Anti-Spall Treatment** - To minimize winter salt damage to exterior concrete, two coats should be used. Concrete varies in quality due to workmanship, air entrainment and the water/cement ratio used. These factors plus weather conditions and the amount of deicers used on the concrete may contribute to surface scaling and spalling even though the concrete has been treated.

### **SEALER REMOVAL**

Dried, cured sealer may be removed using strong solvent such as xylene, MEK or toluene. Also acceptable are commercial paint strippers. (Always read direction and warning labels.) Alternatively, the sealer can be removed by sandblasting or by other similar mechanical means.

### **CLEAN UP**

Clean tools and equipment with warm soapy water before the sealer has dried.

### **PRECAUTIONS AND LIMITATIONS**

- Product may blush and turn a milky color in damp conditions. Do not use in areas that are continually moist and where appearance is important.
- Do not apply over concrete to receive concrete toppings, epoxy coatings, or urethane coatings.
- Do not use as a bond breaker for tilt-up construction.
- Do not use over brick or brick pavers.
- Although compatible with many carpet tile and floor covering adhesives, a test section is recommended to ensure compatibility with adhesives. Complete membrane removal or the use of KUREKOTE DR or CEMTEC SIL-HARD is recommended in areas to receive movable carpet squares.

#### **QUALITY STATEMENT**

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.