

# CEMTEC FLOOR SEALER VOX

## VOC COMPLIANT ACRYLIC FLOOR SEALER

**CEMTEC FLOOR SEALER VOX** is a water based, acrylic sealer designed for use where solvent fumes are not desired or permitted. **CEMTEC FLOOR SEALER VOX** is a safe, V.O.C. compliant sealer which is intended primarily for interior applications. A clear, wear resistant product, **CEMTEC FLOOR SEALER VOX** is suitable for application over all types of concrete floor surfaces. This premium quality sealer is designed specifically for safe, low odor applications where solvent based systems would be prohibited or impractical.

### PRIMARY APPLICATIONS

- Interior floors
- Terminals
- Loading docks
- Warehouses
- Walls & columns
- Production areas
- Ramps & stairways
- Basements
- Walkways

### FEATURES / BENEFITS

- Ease of recoating reduces cleaning time and maintenance costs
- Completely compliant with current V.O.C. regulations.
- Very low odor for minimal downtime in work areas
- Fast drying, easy to apply for reduced downtime
- Suitable for use on horizontal or vertical concrete surfaces
- Compatible for use over most curing compounds
- Forms a durable film, resistant to liquid spills and airborne contaminants
- Seals and dustproofs by impregnating surface pores with a tough, durable resin
- Provides a clear, semi-gloss appearance after application to existing, concrete surface.

### SPECIFICATIONS / COMPLIANCES

- Meets all U.S. federal and state solvent emissions standards including California Air Regulation Board, New York and New Jersey state requirements.

### TECHNICAL INFORMATION

#### Typical Engineering Data

The following results were developed under laboratory conditions.

\***Drying times**, ASTM D-1640 22°C, 50% RH.

Hard : 30 mins

Re-coat time : 1-2 hours

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

**Adhesion to concrete**, > 300 psi (>2 MPa)  
ASTM D 4541 Concrete failure

**Intercoat Adhesion**, > 300 psi (>2 MPa)  
ASTM D-4541 no intercoat failure

**Weatherometer testing**,  
ASTM G53

ultraviolet resistance no yellowing @ 200 hrs.

chalk resistance no chalking @ 500 hrs.

check/peel resistance no deterioration @ 500 hrs.

**Viscosity**, ASTM D-2196 13 CPS

**pH**, ASTM E-70 8.4

**Taber abrader**, ASTM D-4060, 500 cycles film no wear through

**Shelf Life** : 2 years in unopened containers

**Chemical Resistance** ASTM D -1308

Weak Acid ..... Good

Weak Alkalies ..... Excellent

Salts ..... Excellent

Motor Oil ..... Excellent

Gasoline ..... Good

Brake Fluid ..... Poor

Anti Freeze ..... Excellent

### COVERAGE

Textured Concrete : 5.00 -7.5 m<sup>2</sup>/liter

Smooth Troweled : 6 - 10 m<sup>2</sup>/liter

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

### PACKAGING

**CEMTEC FLOOR SEALER VOX** is packaged in 210 Ltr. drums and 20 Liter pails.

### DIRECTIONS FOR USE

**Surface Preparation** - New concrete should be cured with a quality curing compound designed for the particular application. Contact your local CMCI sales representative or distributor for specific product recommendations. Concrete surfaces to be treated should be clean, dry and free of dirt, oil grease, loose scale or other contaminants which may adversely affect adhesion. **CEMTEC FLOOR SEALER VOX** can be used as a topcoat over most curing compounds.

Old bare concrete surfaces must be clean prior to application.

**Mixing** - **CEMTEC FLOOR SEALER VOX** is a single component product which requires no pre-blending prior to placement. **CEMTEC FLOOR**

*“High Quality Construction Chemicals”*

CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES  
P.O. Box 7137, Dammam 31462, Saudi Arabia, Tel: 00966-13-8471450; Fax: 00966-13-8471575  
Email: tech@cmci-sa.com, Web: www.cmci-sa.com

**SEALER VOX** should be used directly from the container.

**Placement** - Spraying is the recommended method of application which produces an even, continuous film that effectively seals the surface. Either hand pump or industrial power sprayer may be used for application. If spray application is not desirable, the product may be applied by squeegee or cloth mop. Apply in a uniform manner, avoid puddling and excessive film thickness to ensure an even application.

Badly worn and porous areas may require additional applications to attain a uniform seal and surface gloss. When applying to walls and columns, care should be taken to avoid streaking and runs.

**NOTE - CEMTEC FLOOR SEALER VOX** is designed for interior application. Product may become translucent or opaque when exposed to moisture. For exterior sealing applications, use **CEMTEC HARDSEAL VOX**.

#### **CLEAN-UP**

Tools and equipment may be cleaned with warm soapy water.

#### **PRECAUTIONS / LIMITATIONS**

- Not designed for use as a curing compound over freshly placed concrete.
- Do not apply over concrete to receive topping, epoxy or urethane based coatings or adhesives.
- Although designed to resist yellowing, for a completely non-yellowing sealer for exterior applications, use CEMTEC HARDSEAL VOX.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended for questionable adhesive.
- Do not use as a bond breaker for tilt-up construction.
- Do not use in areas which may be subject to hot oil, grease or fat spillage such as kitchens.
- Product may become translucent or opaque when exposed to moisture.

#### **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.