



# THE EUCLID CHEMICAL COMPANY

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# FLOOR SEAL VOX

## V.O.C. COMPLIANT ACRYLIC FLOOR SEALER

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

### PRIMARY APPLICATIONS

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

### FEATURES / BENEFITS

- Ease of recoating reduces cleaning time and maintenance costs
- Completely compliant with all current V.O.C. regulations nationwide
- 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
- 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 surfaces

### SPECIFICATIONS / COMPLIANCES

- Meets all federal and state solvent emissions standards including California Air Regulation Board, New York and New Jersey state requirements.
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table I Subpart D for Concrete Protective Coatings with a maximum V.O.C. content of 400 g/l.

### TECHNICAL INFORMATION

#### **Typical Engineering Data**

The following results were developed under laboratory conditions.

- Suitable for exposure to traffic ..... 4-6 hours
- \***Drying times**, ASTM D-1640, 72°F (22°C), 50% R.H.  
hardless than 1 hour
- re-coat time ..... 1-2 hours

#### **Minimum film forming temp,**

ASTM D-2354 34°F (1°C)

#### **Adhesion to concrete, > 300 psi (>2MPa)**

ASTM D-4541 ..... concrete failure

#### **Intercoat Adhesion, > 300 psi (>2MPa)**

ASTM D-4541 ..... no intercoat failure

#### **Weatherometer testing, ASTM G-53**

- ultraviolet resistance: no yellowing @ 200 hours
- chalk resistance: no chalking @ 500 hours
- check/peel resistance: no deterioration @ 500 hours

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

**pH**, ASTM E-70 ..... 8.4

**V.O.C.:** ..... 243 g/l

#### **Taber abrader, ASTM D-4060,**

at 500 cycles ..... no wear through

#### **Shelf life-1 year in original unopened package**

#### **Chemical Resistance ASTM D-1308**

- Weak Acid Good
- Weak Alkalies ..... Excellent
- Salts ..... Excellent
- Motor Oil ..... Excellent
- Gasoline ..... Good
- Brake Fluid ..... Poor
- Anti-Freeze ..... Excellent

\*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.

#### **Appearance**

FLOOR SEAL VOX is an opaque liquid which dries to a clear, hard film.

## **COVERAGE**

### Textured Concrete:

200-300 ft<sup>2</sup>/gal (4.9-7.4 m<sup>2</sup>/liter)

### Smooth/Troweled Concrete:

250-400 ft<sup>2</sup>/gal (6.1-9.8 m<sup>2</sup>/liter)

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

## **PACKAGING**

FLOOR SEAL VOX is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 6/1 gal (3.8 liter) units per case.

## **DIRECTIONS FOR USE**

**Surface Preparation**-Concrete surface to be treated should be clean, dry and free of dirt, oil, grease, loose scale or other contaminants which may adversely affect adhesion.

Old bare concrete surfaces must be clean prior to application.

**Mixing**-FLOOR SEAL VOX is a one component product which requires no pre-blending prior to placement. FLOOR SEAL VOX should be used directly from the container.

**Placement**-Use directly from the container. No mixing is required. Spraying is the recommended and preferred method of application. Spraying produces an even, continuous film that effectively seals the surface. Either hand pump or industrial power sprayer may be used for application. If sprayer application is not desirable, the product may be applied by squeegee or cloth mop. Apply in a uniform manner, avoid puddling and excessive overspray to insure 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:**FLOOR SEAL VOX is designed for interior application. If applied too thick, product may become translucent or opaque when exposed to moisture. Follow coverage rate recommendations. For exterior sealing applications, use ARCHITECTURAL SEAL VOX.

## **CLEAN-UP**

Tools and equipment may be cleaned with soap and warm water.

## **PRECAUTIONS / LIMITATIONS**

- Keep material from freezing. Store in a warm place.
- Do not apply at temperatures below 40°F (4°C).
- Not designed for use as a curing compound over freshly placed concrete.
- Do not apply over concrete to receive toppings, epoxy or urethane based coatings or adhesives.
- Although designed to resist yellowing, for a completely non-yellowing sealer for exterior applications, use ARCHITECTURAL SEAL VOX.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended for questionable adhesives.
- 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.
- High relative humidity may extend drying times.
- Product may become translucent or opaque when exposed to moisture.

Form Floor Seal VOX-9.99

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