



# THE EUCLID CHEMICAL COMPANY

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## ARCHITECTURAL SEAL VOX

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**V.O.C. COMPLIANT SEALER FOR MASONRY**

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**ARCHITECTURAL SEAL VOX** is a water based acrylic sealer designed specifically for use on masonry surfaces of all types. This product protects masonry surfaces by forming a clear membrane which reduces moisture penetration. ARCHITECTURAL SEAL VOX is non-yellowing under ultra-violet exposure. It is V.O.C. compliant with low odor and dries clear.

### PRIMARY APPLICATIONS

- Interior or exterior masonry surfaces
- Stucco and brick facings
- Natural stone
- Clay brick
- Masonry block
- Exposed aggregate

### FEATURES / BENEFITS

- Will not discolor from exposure to ultraviolet light
- Completely compliant with all V.O.C. regulations nationwide
- Seals concrete and masonry surfaces providing a glossy appearance for easier clean-up
- Easy to use requiring only low pressure spraying equipment
- Allows surface to breath while providing excellent repellency characteristics

### PACKAGING

ARCHITECTURAL 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.

### COVERAGE

<u>Application</u>	<u>Coverage ft<sup>2</sup>/gal</u>	<u>Coverage m<sup>2</sup>/gal</u>
Horizontal	250-350	6.1-8.5
(a two coat application is recommended for floor applications)		
Vertical		
Precast	300-400	7.3-9.7
Stucco	250	6.1
Stone	250	6.1
Concrete Block	200	4.9
(most surfaces will require a two coat application) Follow recommended coverage rates. Avoid excess build-up.		

### TECHNICAL INFORMATION

#### **Typical Engineering Data**

The following results were developed under laboratory conditions.

#### **Dry film thickness**

@ 300 ft<sup>2</sup>/gal (7.36 m<sup>2</sup>/liter) 0.8 mils\* (20.3 microns)

#### **Drying times** ASTM D-1640

72°F (22°C), 50% R.H.

to touch ..... 10 minutes

hard ..... 30 minutes

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 (2.1 MPa)**

ASTM D-4541 ..... concrete failure

#### **Intercoat Adhesion, > 300 psi (2.1 MPa)**

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

#### **Weatherometer testing,**

ASTM D-4887, @ 1000 hours

Ultraviolet resistanceno yellowing

Chalk resistance no chalking

Check/peel resistanceno deterioration

**Viscosity** ASTM D-219613 CPS

**pH** ASTM E-70 ..... 8.5

**V.O.C.** ..... 249 g/l

Prolonged exposure to moisture or water may result in a temporary opaque condition which clears upon drying. This is particularly true on textured surfaces.

#### **Appearance**

ARCHITECTURAL SEAL VOX is packaged as an opaque liquid which dries to a clear, glossy film.

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.

**Shelf life** is 1 year in original, unopened package.

## **DIRECTIONS FOR USE**

**Surface Preparation**-All surfaces to be treated should be clean and free from all dirt, dust, and other forms of contamination that could prevent ARCHITECTURAL SEAL VOX penetration. Use high pressure power wash equipment if available. Any membrane present on the surface must be completely removed. Protect adjacent glass and metal surfaces from overspray or accidental contamination. All joint materials should be installed before ARCHITECTURAL SEAL VOX application. Surface may be dry or slightly damp, but not saturated, at the time of application.

**Mixing**-ARCHITECTURAL SEAL VOX is ready to use and requires no pre-mixing.

**Placement**-The preferred method of application is with a low pressure sprayer. Material should be applied to assure uniform coverage. Use ARCHITECTURAL SEAL VOX directly from the container. No dilution is necessary or permissible.

Apply in a uniform manner working back and forth and lapping the previous pass. **Avoid heavy build-up.** A second coat may be applied when first coat is dry to touch. Avoid excessive application that produces runs or streaks.

## **CLEAN-UP**

Tools and equipment may be cleaned with warm, soapy water.

## **PRECAUTIONS / LIMITATIONS**

- Do not allow to freeze.
- Use at over 40°F (4°C).
- ARCHITECTURAL SEAL VOX will not penetrate painted surfaces or those previously treated with penetrants.
- Not intended for use as a waterproofer.
- No heavy traffic until the product has cured.

Form Architectural Seal VOX-9.99

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