



# THE EUCLID CHEMICAL COMPANY

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## WEATHER-GUARD VOX

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**V.O.C. COMPLIANT SILOXANE SEALER**

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**WEATHER-GUARD VOX** is a V.O.C. compliant siloxane based penetrating sealer designed specifically for the treatment of masonry materials and concrete surfaces. WEATHER-GUARD VOX protects concrete and masonry surfaces from the effects of exterior exposure and weathering. WEATHER-GUARD VOX penetrates deep into the surface pores and reacts chemically to provide a durable, long lasting barrier against water and salt intrusion. WEATHER-GUARD VOX is provided as a concentrate which is easily mixed with potable water at the job site.

### PRIMARY APPLICATIONS

- Concrete and masonry block
- Natural stone
- Brick facings
- Precast concrete
- Clay brick
- Exposed aggregate
- Stucco
- Chimney columns
- Architectural concrete

### FEATURES / BENEFITS

- Deep penetrating pore action for long lasting protection
- Preserves a natural appearance without membrane build-up
- Provides a highly efficient barrier to water and salt ingress
- Allows concrete and masonry surfaces to maintain breathability while providing high repellency characteristics
- Easy to use requiring only low pressure spraying equipment or brushes and rollers.
- Economical to use because of its durability over many years.

### PACKAGING

WEATHER-GUARD VOX is available in 5 gal (18.9 liter) pails, 4/1 gal (3.8 liter) units per case and 4/1 qt (.95 gal) units per case. Typical concentration usage is 5%.

<b>WEATHER-GUARD VOX</b>	<b>Water Added</b>	<b>Total Gallons</b>
1 quart (.95L)	19 qt (18.05L)	5 gal (18.9L)
1 gal (3.8L)	19 gal (72L)	20 gal (76L)
5 gal (18.9L)	95 gal (361L)	100 gal (380L)

### TECHNICAL INFORMATION

#### **Typical Engineering Data**

The following results were developed under laboratory conditions.

- Active ingredient:** ..... Siloxane
- Shelf life** is 1 year in original, unopened package.
- Water Absorption** ASTM C-67 (multi-celled brick raked face) (24 hr. immersion) 0.259%
- Drying time:** ..... 4-6 hours
- Traffic:** ..... 6-8 hours
- V.O.C. -** ..... 318 g/l

**Appearance**-When diluted per instructions, WEATHER-GUARD VOX is a clear, water-based material. After placement and drying, the product has virtually no effect on the appearance of dry concrete. WEATHER-GUARD VOX treated concrete will cause water to 'bead' at the surface.

This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table I Subpart D for Waterproofing Sealers and Treatments with a maximum V.O.C. content of 600 g/l.

### 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 WEATHER-GUARD VOX penetration. Any membranes 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 WEATHER-GUARD VOX application. The concrete surface must be dry.

**Mixing**-WEATHER-GUARD VOX is a one component material which requires no pre-blending prior to dilution. Add the appropriate amount of water to WEATHER-GUARD VOX. Blend 1-2 minutes and the material is ready for use. **Note: The diluted material must be used within three (3) hours or the product's effectiveness will be significantly reduced.**

**Placement**-WEATHER-GUARD VOX must be job site diluted and mixed with potable water. Gentle agitation is all that is required for thorough and complete mixing. To apply the sealer, use a pump-up or airless sprayer for best results. A short nap roller or lambs wool applicator may also be used. Apply in a uniform manner working back and forth lapping the previous pass. Avoid extra heavy build-up in isolated areas. One application in two passes is recommended to assure complete, uniform coverage. After the first pass has been completed, come back over the same area with the second pass so that a wet-on-wet process is assured. Passes should follow each other within 15 minutes. After the surface has dried, no further material can be applied.

### **COVERAGE**

Required coverage rates will vary greatly depending on surface density and porosity. In some cases, test sections may be necessary to develop a feel for adequate coverage. In general, coverage rates of 100-150 ft<sup>2</sup>/gal (2.4-3.7 m<sup>2</sup>/liter) are recommended.

### **CLEAN-UP**

Use soap and water or just water to clean tools and equipment.

### **PRECAUTIONS / LIMITATIONS**

- Do not use over membrane forming sealers.
- Masonry temperature at the time of application should be above 40°F (4°C).
- New concrete and masonry surfaces should be a minimum of 14 days old and have undergone some drying before WEATHER-GUARD VOX application.
- Do not store WEATHER-GUARD VOX concentrate in open containers.
- Protect adjacent areas from overspray.
- Protect containers from direct sunlight.
- Heavy application rates may cause staining.

Form Weather-Guard VOX-9.99

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