



## THE EUCLID CHEMICAL COMPANY

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# WEATHER-GUARD

## SILOXANE PENETRATING WATER REPELLENT

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**WEATHER-GUARD** is a siloxane based penetrating sealer designed specifically for the treatment of masonry materials and concrete surfaces. WEATHER-GUARD protects concrete and masonry surfaces from the effects of exterior exposure and weathering. WEATHER-GUARD penetrates deep into the surface pores and reacts chemically to provide a durable, long lasting barrier against water and salt intrusion. This guard of defense can substantially reduce the damaging effects of freeze/thaw cycling, precipitation, acid rain, efflorescence, and dust/dirt degradation.

### 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 is available in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 4/1 gal (3.8 liter) units per case.

### TECHNICAL INFORMATION

#### **Typical Engineering Data**

The following results were developed under laboratory conditions.

**Active ingredient:** Siloxane

**Flash point:** .... 112°F (44°C)

#### **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.:**762 g/l

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

**Appearance-**WEATHER-GUARD is a clear liquid which dries transparent. After placing, the color of the concrete may initially appear darker than the surrounding concrete. As the sealer cures and dries out, the appearance of the treated concrete will be nearly unaffected in dry weather. Treated concrete will bead water.

### 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 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 application. Surfaces should be in a dry or damp condition without being saturated.

**Mixing-**WEATHER-GUARD is ready to use and requires no pre-mixing.

**Placement-**The preferred method of application is with a low pressure sprayer. Brushes or rollers may also be used if enough material can be applied to assure uniform coverage. Use WEATHER-GUARD directly from the container. No dilution is necessary or permissible. Apply in a uniform manner working back and forth lapping the previous pass. Avoid extra

same area with the second pass so that a wet-on-wet process is assured. Passes should follow each other within 15 minutes.

### **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**

Tools and equipment may be cleaned with EUCO SOLVENT, xylene, toluene, or mineral spirits.

### **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 application.
- Confined or inside areas must be properly ventilated.
- Protect adjacent areas from overspray.
- COMBUSTIBLE - Keep material away from open flame.
- No traffic until the product has cured and dried.
- All joint materials should be installed before WEATHER-GUARD application.



Form Weather-Guard-9.99

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