



# WEATHER-GUARD

## SILOXANE PENETRATING WATER REPELLENT

PENETRATING SEALERS AND LIQUID DENSIFIERS

WEATHER-GUARD

Rev-01/18

### DESCRIPTION

**WEATHER-GUARD** is a siloxane 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 level of protection 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
- 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 water repellency characteristics
- Easy to use requiring only low pressure spraying equipment
- Economical due its durability over many years

### TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Flash point .....	40°C
Solids .....	5%
VOC .....	749 g/L
Water absorption ASTM C 67 (multi-celled brick raked face, 24 hr immersion).....	0.259%
Drying time at 21 oC.....	4 to 6 hours
Traffic.....	6 to 8 hours

Appearance: WEATHER-GUARD is a clear liquid that does not change the color or appearance of the substrate. After application of WEATHER-GUARD, the color of the substrate may initially appear darker but will lighten upon drying.

### PACKAGING/YIELD

WEATHER-GUARD is available in 200 L drums, 20 L pails.

### SHELF LIFE

2 years in original unopened package

### COVERAGE

Required coverage rates will vary 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 2.4 to 3.7 m<sup>2</sup>/L are recommended.

## 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 over spray 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. On vertical surfaces, apply from the bottom up. 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, apply the second pass so that a wet-on-wet process is assured.

## CLEAN-UP

Tools and equipment may be cleaned with acetone or mineral spirits.

## PRECAUTIONS/LIMITATIONS

- Do not use over previously applied membrane-forming curing compounds or sealers.
- Masonry temperature at the time of application should be above 4°C. Drying time in cool weather will be extended.
- 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 over spray.
- COMBUSTIBLE - Keep material away from open flame.
- WEATHER-GUARD is a solvent-based product with a distinct odor. When used in enclosed areas, or on extremely porous substrates, the solvent odor may dissipate slowly. Where solvent odors are not acceptable, use a water-based product such as BARACADE WB 244 or CHEMSTOP WB.
- All joint sealant materials should be installed before WEATHER-GUARD application.
- Do not apply if rain is expected within 8 hours.
- Do not allow to puddle. All product should penetrate the substrate with no surface build-up.
- This product does not prevent oil stains or discoloration from fallen tree leaves.
- In all cases, refer the Safety Data Sheet before use.

**WARRANTY:** Flowcrete India Private Limited solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Flowcrete India Private Limited no other representations or statements made by Flowcrete India or its representatives, in writing or orally, shall alter this warranty. Flowcrete India MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Flowcrete India product fails to conform with this warranty, Flowcrete India will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any installation of Flowcrete India products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Flowcrete India's products for the Buyer's intended purposes.