



WEATHER-GUARD

SILOXANE PENETRATING WATER REPELLENT

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

Material properties tested under laboratory conditions @ 27°C, 50% RH.

PROPERTIES	VALUE
Flash Point	40°C
Solids content(by weight)	5%
VOC	749 g/L
Water absorption ASTM C67 (multi-celled brick raked face, 24 hr immersion)	0.259%
Drying time	1 to 2 hours
Foot Traffic	4 to 6 hours
Wheeled Traffic	10 to 12 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 20L Metal pails and 200L Metal drums.

SHELF LIFE

12 months 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 m²/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 Euco solvent, 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 BARCADE 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.