



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

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)	1.1 kg/L
Drying time at 21°C	4 to 6 hours
Traffic	6 to 8 hours

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

PACKAGING

WEATHER-GUARD is available in 20 L pails and 200 L drums

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 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 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. 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 overspray.
- **COMBUSTIBLE** - Keep material away from open flame.
- **WEATHER-GUARD** is a solvent-based product with a distinct odour. When used in enclosed areas, or on extremely porous substrates, the solvent odour may dissipate slowly.
- 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 discolouration from fallen tree leaves.
- In all cases, consult the Safety Data Sheet before use.

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