

CONCRETE & MASONRY SEALER
NANO GUARD™
Plus **POLY**
protects against
WATER / MOLD / DECAY + UV / ABRASION

Technical Data Sheet

PRODUCT DESCRIPTION

SEAL-ONCE® NANO GUARD™ PLUS POLY Concrete and Masonry Sealer combines our proprietary nano-polymers with the strength of polyurethane to provide 360° of protection. Its pliable durable finish protects concrete and masonry from adverse weather and caustic conditions.

NANO GUARD PLUS POLY is a water-based, eco-friendly sealer that will not harm pets, plants fish or livestock, and is safe for application around and over fresh and salt water.

NANO GUARD PLUS POLY penetrates to protect against water damage from the inside-out. It forms a long-lasting water resistant shield within the capillaries of concrete and masonry, preventing efflorescence, cracking, spalling, mold and mildew growth, lime bloom and freeze/thaw damage.

NANO GUARD PLUS POLY goes on milky white and dries clear. It creates a UV-stable coating that preserves the natural color of concrete and masonry and resists weathering and decay. It is available in different semi-transparent tints.

RECOMMENDED SUBSTRATES

- Driveways
- Walkways
- Garage floors
- Patios
- Pre-cast pavers
- Faux and veneer stone
- Brick
- Acid-stained, colored or stamped concrete
- Simulated brick
- Sandstone
- Exposed aggregate
- Slate
- Tile (unglazed)
- Stucco
- Concrete block

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets or plants
- Low VOCs
- Flexible barrier
- Non-yellowing formula
- Superior adhesion
- Abrasion resistant
- Creates a UV barrier to prevent natural fading
- Prohibits stains caused by mold & mildew
- Soap & water clean up
- Semi-transparent stains available

PHYSICAL CHARACTERISTICS

Color	Milky white, dries clear
Flash Point	None
pH	7+
Solvents	Water
lbs/gal	8.1
Specific Gravity	1.016
Viscosity	4.2 cps
Application Temp.	50°F/10°C* - 95°F/35°C
Solids Content	16%
Odor	Slight
VOC Content	<2g/l
Freeze/Thaw Cycle	Stable after 3 cycles

*Does not apply when air or surface temperature is below 50°F/10°C or may fall below 50°F/10°C within 24 hours after application.

PACKAGING SIZES

SEAL-ONCE NANO GUARD PLUS POLY Concrete and Masonry Sealer is available in one-gallon cans and five-gallon pails.

FREIGHT CLASS

55



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Application Instructions

PREPARATION

- All surfaces should be cleaned before sealing for best penetration and performance. Clean all dust, debris and loose material. Remove oil, grease, algae, grime, mold and mildew stains with appropriate cleaners. Recommend SEAL-ONCE Concrete Masonry Cleaner.
- After cleaning, test absorbency of surface by sprinkling a few drops of water on the surface. If the water does not readily penetrate the surface, stripping will be necessary to remove old coatings prior to applying SEAL-ONCE NANO GUARD PLUS POLY Concrete and Masonry Sealer. Retest surface when dry.

APPLICATION

- Do not use if air or surface temperature is below 50°F/10°C or above 95°F/35°C.
- Do not apply in rain or when rain is imminent.
- DO NOT THIN. Mix well. Stir contents or shake thoroughly prior to use.
- Apply first coat with a brush, pump-up garden sprayer, air-assisted and/or airless sprayer. Use 17-19 tip and medium to coarse spray pattern. Brush out any puddles.
- Allow first coat to dry completely before applying a second coat. First coat should be dry within 1-2 hours.
- Apply second coat following the same instructions as for the first coat.
- For best results, apply in the shade and out of direct sunlight.
- Apply to all surfaces.
- Do not use with other waterproofing products.
- Allow 3-4 hours for surface to dry completely before permitting light foot traffic.

COVERAGE

- Approximate coverage: 250-350 sq. ft./gallon per coat. Actual coverage will vary due to porosity of surface.

DRYING TIME

- Allow approximately 3-4 hours, depending on temperature and humidity, before subjecting surface to light foot traffic.
- Allow 24-48 hours for full cure, depending on temperature and humidity.
- When recoating, ensure first coat has dried completely and is dry to the touch. Allow approximately 1-2 hours before second coat.

CLEAN UP AND STORAGE

- Clean sprayer equipment and brushes with warm soapy water.
- Store above 32°F/0°C to protect from freezing.
- Shelf life: 18-24 months
- Disposal: soap and water cleanup; no special disposal procedure needed.

PRECAUTIONS

- Clean areas of overspray while SEAL-ONCE NANO GUARD PLUS POLY Concrete and Masonry Sealer is still wet. Avoid overspray of tinted formulas on plastic materials.
- Safety
 - Avoid breathing in spray. If inhaled, move to fresh air.
 - Avoid contact with eyes. If splashed into eyes, rinse with clean water for 15 minutes.
 - If skin irritation occurs, wash area with soap and water.
 - If accidentally ingested, immediately drink 2 glasses of water and contact a physician. Do not induce vomiting.



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