

CONCRETE & MASONRY SEALER

NANO GUARD™

protects against

WATER / MOLD / DECAY

Technical Data Sheet

PRODUCT DESCRIPTION

SEAL-ONCE® NANO GUARD™ Concrete and Masonry Sealer deeply penetrates the surface to protect concrete, brick and masonry against adverse weather and caustic conditions. Its proprietary nano-polymers bond to the pores of the concrete, forming a superior barrier below the surface and protecting from the inside out.

NANO GUARD Concrete and Masonry Sealer forms a flexible breathable barrier that allows moisture and vapor to escape, even in green concrete. This preserves the integrity of concrete, brick and masonry by preventing damage caused by water ingress, such as mold and mildew growth, cracking and spalling.

NANO GUARD Concrete and Masonry Sealer stops water from leaching out natural salts in concrete, preventing efflorescence. It is also resistant to chemicals, such as chlorine.

NANO GUARD Concrete and Masonry Sealer goes on milky white and dries clear. It is also available in different semi-transparent tints.

RECOMMENDED SUBSTRATES

- Concrete driveways
- Patios
- Walkways/steps
- Pavers
- Concrete floors
- Clay bricks
- Mortar and grout
- Tile (unglazed)
- Stucco
- Granite (unpolished)
- Adobe
- Limestone
- Sandstone
- Terra cotta
- Exposed aggregate
- Garage floors

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets or plants
- Zero VOCs
- Non-combustible
- Highly breathable
- Non-film forming
- Reduces efflorescence and lime bloom
- Prevents cracking and spalling
- Can be applied to damp surfaces
- Can be applied to green concrete
- Prevents staining caused by mold and mildew
- Non-yellowing
- Soap and water cleanup
- Can be painted or stained after treatment

PHYSICAL CHARACTERISTICS

Color	Milky white liquid, dries clear
Flash Point	None
pH	7+
Solvents	None
lbs/gal	8.1
Specific Gravity	1.017
Viscosity	3.2 cps
Application Temp.	45°F/7.22°C* - 95°F/35°C
Solids Content	7.5% - 8.5%

*Do not apply when air or surface temperature is below 45°F/7.22°C or may fall below 45°F/7.22°C within 24 hours after application.

PACKAGING SIZES

SEAL-ONCE NANO GUARD 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 Concrete and Masonry Sealer. Retest surface when dry.

APPLICATION

- Do not use if air or surface temperature is below 45°F/7.22°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 two coats wet on damp 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.
- For best results, apply in the shade and out of direct sunlight.
- When applying in direct sunlight and surface is hot, spray with a mist of water and apply NANO GUARD Concrete and Masonry Sealer immediately on dampened surface.
- Do not use with other waterproofing products.
- On very porous concrete or masonry, an additional third coat may be necessary.
- Concrete or masonry can be painted or stained as soon as it dries in approximately 2-3 hours.

COVERAGE

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

DRYING TIME

- Allow approximately 2-3 hours depending on temperature and humidity before subjecting surface to light foot traffic.
- Allow 12-24 hours for full cure, depending on temperature and humidity.
- When recoating, apply as soon as previous coat has penetrated and surface is damp, not wet.

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: 3 years
- Disposal: soap and water cleanup; no special disposal procedure needed.

PRECAUTIONS

- Clean areas of overspray while SEAL-ONCE NANO GUARD 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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"SEAL-ONCE" is a registered trademark of U-C Coatings, LLC.