

NANO+POLY™

CONCRETE & MASONRY SEALER

— protects against —
WATER / MOLD / DECAY
+ UV / ABRASION

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

SEAL-ONCE® NANO + POLY Concrete and Masonry Sealer combines proprietary nanotechnology with the strength of polyurethane to provide 360° of protection.

NANO + 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.

In addition to penetrating to coat the pores of the concrete, NANO + POLY creates a durable surface coating that protects against UV fading, wear and tear and water damage. It creates a UV-stable, non-yellowing coating that preserves the natural color of the concrete and resists weathering and decay.

NANO + POLY is a water based, non-toxic, eco-friendly sealer that will not harm pets, plants or people.

NANO + POLY goes on milky white and dries clear.

RECOMMENDED APPLICATIONS

- Driveways
- Walkways & steps
- Garage floors
- Patios & pool decks
- Pre-cast pavers
- Brick
- Acid-stained, colored or stamped concrete
- Simulated brick
- Sandstone
- Exposed aggregate
- Slate
- Mortar & grout
- Stucco
- Concrete block

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets, plants or people
- Ultra-low VOC
- Flexible, breathable barrier
- Non-yellowing formula
- Will not peel
- Water based formula
- Water & abrasion resistant
- Prevents efflorescence & lime bloom
- Creates a UV barrier to prevent color fading
- Prohibits mold, mildew & fungi growth
- Prevents cracking & spalling
- Soap & water cleanup

PHYSICAL CHARACTERISTICS

Color	Milky white liquid, dries clear
Flash Point	None
pH	7+
Solvents	Water
lbs/gal	8.4
Specific Gravity	1.007
Viscosity	4.2 cps
Application Temp.	50°F/10°C* - 95°F/35°C
Odor	Nil
VOC Content	37g/L**

*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.

**VOC Content determined via EPA Method 24.

PACKAGING SIZES

1 Gallon Can | 5 Gallon Pail

FREIGHT CLASS

55



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APPLICATION INSTRUCTIONS

PREPARATION

- All surfaces should be cleaned before sealing for best penetration and performance. Remove all old coatings, 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 + 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 expected within 24-48 hours.
- DO NOT THIN. Mix well. Stir contents or shake thoroughly prior to use.
- Test a small area to ensure acceptable appearance and penetration.
- Apply first coat with a synthetic brush; pump-up garden sprayer; air-assisted; and/or airless sprayer. Use 15-17 tip and medium to coarse spray pattern. When spraying, always back brush for best results.
- Second coat can be applied once first coat has penetrated but is still damp. Second coat must be applied within one hour of applying 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.
- On very porous concrete or masonry, a third coat may be necessary.
- 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 for surface to dry, depending on temperature and humidity, before subjecting to light foot traffic.
- Allow 24-48 hours for full cure, depending on temperature and humidity.
- When recoating, apply once previous coat has penetrated and surface is damp, not wet. Second coat must be applied within one hour of applying the first coat.

CLEANUP AND STORAGE

- Clean all application equipment with warm soapy water.
- Store above 32°F/0°C to protect from freezing.
- Shelf life (unopened): 2 years
- Disposal: soap and water cleanup; no special disposal procedure needed.

PRECAUTIONS

- Protect adjacent areas from overspray and runoff including windows and siding. Immediately remove overspray with soap and water.
- Safety Precautions
 - 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.



Manufactured by U-C Coatings, LLC
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"SEAL-ONCE" is a registered trademark of U-C Coatings, LLC.