

NANO+POLY™

PREMIUM WOOD SEALER

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

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

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

NANO + POLY penetrates to form a long-lasting water resistant shield around the wood fibers, preventing rot, decay, mold and mildew. It also stabilizes wood, eliminating warping and cupping.

In addition, NANO + POLY creates a durable surface coating that protects against wear and tear, UV fading and water damage.

NANO + POLY is a water-based, eco-friendly sealer that will not harm pets, plants, people or marine life, and is safe for application around and over fresh and salt water.

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

RECOMMENDED APPLICATIONS

- Decks
- Railings
- Wood siding
- Log homes
- Thermally modified wood
- Docks
- Piers
- Fences
- Exposed beams
- Outdoor furniture
- Planters
- Play structures
- Cedar shingles

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets, plants or people
- Ultra-low VOC
- Forms a long-lasting water resistant shield
- Will not peel
- Water based formula
- Flexible, breathable barrier
- Prevents warping, cupping, wood rot & decay
- Preserves old or new wood, extending its natural life
- Creates a UV barrier to prevent natural fading
- Prevents mold & mildew growth
- Soap & water cleanup
- Tinted formula provides additional UV protection
- Excellent for use in high traffic areas

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**

*Do 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 Quart Can | 1 Gallon Can | 5 Gallon Pail | 55 Gallon Drum

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, mill glaze and mold and mildew stains with appropriate cleaners. Recommend SEAL-ONCE All Wood 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 Premium Wood 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. Apply SEAL ENDS ONCE® to wood ends.
- 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 may 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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