

PREMIUM END SEALER

SEAL ENDS ONCE®

— *protects against* —
WATER / MOLD / DECAY

Technical Data Sheet

PRODUCT DESCRIPTION

SEAL ENDS ONCE® with NANO GUARD™ End Sealer deeply penetrates the surface to protect and stabilize the ends of cut wood against adverse weather and caustic conditions. It uses proprietary nano-polymers to form a flexible breathable barrier by coating the wood fibers at the cellular level, preventing water ingress.

SEAL ENDS ONCE protects the ends and cuts of all lumber by preventing water absorption and can be used to preserve old or new wood, extending its natural life. It is non-film forming and will not alter the natural beauty of the wood.

SEAL ENDS ONCE preserves the integrity of the wood by inhibiting rot, decay, mold and mildew growth. It is also used to preserve wood stability, eliminating warping and cupping. SEAL ENDS ONCE forms a pliable breathable barrier that allows the wood to expand and contract and water vapor to escape.

The advanced technology of SEAL ENDS ONCE penetrates surfaces and bonds to form a superior barrier inside the surface, protecting wood from the inside out.

SEAL ENDS ONCE goes on milky white and dries clear. Color can be added using any of the available SEAL-ONCE semi-transparent tints.

RECOMMENDED SUBSTRATES

- Cut ends of all soft and hardwoods including:
 - Cedar
 - Ipe
 - Mahogany
 - Cumaru
 - Bamboo
 - Timbersil
 - Redwood
 - Tigerwood
 - Fir
 - Pressure treated lumber

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets or plants
- Zero VOCs
- Non-combustible
- Non-film forming, breathable barrier
- Stabilizes & protects wood
- Prevents warping & cupping
- Inhibits wood rot & decay
- Can be applied to damp surfaces
- Soap and water cleanup
- Clear formula can be painted or stained after treatment
- Tinted formula provides UV protection

PHYSICAL CHARACTERISTICS

Color	Milky white liquid, dries clear
Flash Point	None
pH	7.4
Solvents	None
lbs/gal	8.1
Viscosity	3.2 cps
Application Temp.	45°F/7.22°C* - 95°F/35°C
Solids Content	24%

*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 SEAL ENDS ONCE with NANO GUARD End Sealer is available in four-ounce (4 oz) bottles, quarts and one-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, 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 ENDS ONCE. 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 of SEAL ENDS ONCE wet on damp with sponge applicator or brush to all wood ends and cuts.
- For best results, apply in the shade and out of direct sunlight.
- When applying in direct sunlight and wood surface is hot, spray with a mist of water and apply SEAL ENDS ONCE immediately on dampened surface.
- Use only with other SEAL-ONCE waterproofing products.
- Wood can be painted or stained as soon as it dries in approximately 2-3 hours, if SEAL-ONCE semi-transparent tints are not being used.

COVERAGE

- Four ounce (4 oz) applicator bottle covers 10 sq. ft. 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 equipment, sponges 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 up spills or drips while SEAL ENDS ONCE is still wet. Avoid application 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.



Manufactured by U•C Coatings, LLC
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