

AntiBlu® SealBright™ End Sealer for Logs and Lumber

This is a water-based, high-solids paraffin wax emulsion that seals and protects the ends of freshly sawn logs and lumber from costly end checking and degrade.

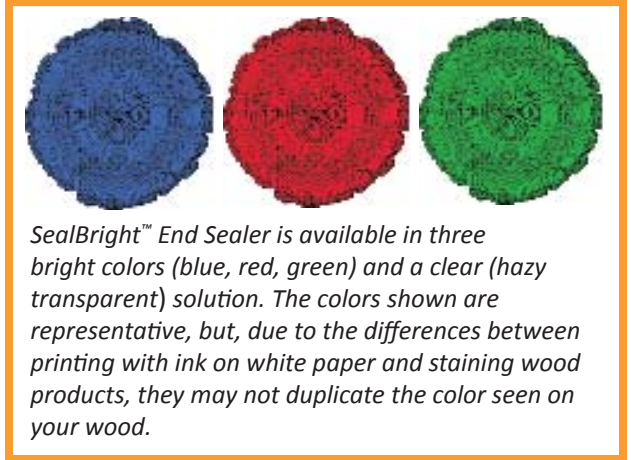
Product Use

SealBright™ End Sealers can be effectively applied to hardwoods and softwoods, to logs and lumber. In all cases, the sealers provide better protection the sooner after sawing that they are applied. They prevent deterioration that can diminish the desirability and value of stored logs and lumber.

The sealers shut out moisture which can lead to end-splitting and, in logs, blue stain. Application of SealBright™ End Sealer minimizes the need for price reductions or end-trimming because of moisture problems.

Formulation Options

SealBright™ End Sealers can be ordered with or without fungicide (IPBC), and with or without cold weather additives, to meet a variety of individual conditions. Thus, a full-line of products exists. All are available on special order and with separate MSDSs supporting each.



Application Equipment

Equipment for applying SealBright™ End Sealers – including electric, air-operated, and gasoline motors; backpacks; and spray guns – are available through Arch Wood Protection, Inc. Contact a representative for detail and for suggestions on meeting your specific goals.

Physical Properties

Appearance	Viscous liquid – white, red, green, or blue
Ingredients	Stable wax and water emulsion
Colors	Available in Clear, Red, Green or Blue
Odor	Mild, solvent-like
Centipose - Viscosity	Approx. 2000 cps
Specific Gravity	Approx. 1.0
Density	Approx. 8.2 lb./gal. (1 Kg/L)
Boiling Point	Approx. 100°C (212°F)
Weight	Approx. 470 lbs. per 55 gal. drums; approx. 45 lbs. per 5 gal. pail
Clean up	Use hot, soapy water (not solvents)
Storage	Do not freeze.* Store above 50°F
Flash Point	Approx. 205°C (400°F)
Coverage	One undiluted gallon will cover 200 sq. ft. with an 8 wet mil (.008”) film

**For cold weather conditions, winterized products are available, as well as fungicides for additional antifungal protection.*



FREQUENTLY ASKED QUESTIONS

How is it applied?

SealBright™ End Sealers can be applied by airless, electric, backpack or other spray methods. They can also be applied by dip, brush or roller.

Can you dilute the SealBright™ product?

One gallon of undiluted product will cover 200 sq. ft. with an 8 mil (.008") film. SealBright™ End Sealer can be diluted with water, depending on the desired application.

What colors are available?

Three colors — Blue, Red, and Green — are available and will appear bright on most woods. Actual colors vary by wood species when applied to the ends of lumber and logs. Also available is Clear, which appears milky when applied and dries to a hazy transparent film.

Can bar codes be seen and scanned through the colored sealers?

Yes.

Are there solvents in the SealBright™ End Sealers?

No, the product is water-based. It dries by water evaporation, which is highly dependent on ambient temperatures and relative humidity. When the water has evaporated and the treated surface is dry to touch, the product is dry and water repellence develops.

What surface preparation is recommended?

Prior to treatment, the wood surface should be clean and free from oil, grease, sawdust, and other contaminants.

What is necessary for cleaning up?

Clean-up can be done with hot, soapy water. All equipment used in the application should be cleaned immediately after use.

In what size containers is the product available?

SealBright™ End Sealers are available in 5-gal. containers, 55-gal. drums, and 275-gal. totes.

What is proper storage for SealBright™ End Sealers?

The solution is water-based. Do not expose product to temperatures below freezing (32°F) or to extreme heat. The optimum temperature for use is 70°F.

What is the proper safety and PPE for this product?

Refer to the Material Safety Data Sheet for information on safe use and handling.

Are there issues with VOCs when this sealer is sprayed?

No, because the solution is water-based. However, to avoid waste and for appropriate product stewardship, overspraying and drippage should be avoided.

Should I apply the sealer before or after dipping wood into anti-sapstain solution?

Either way is acceptable. Perform operations in whatever order best suits your production process, knowing that it is best to seal ends as soon after sawing as possible. If you spray the ends first, allow at least one hour of cure time before dipping the wood. If you dip first and then spray on sealer, there will be no chance of leaving wax residue in the dip tank and the wetness of the dipped wood helps to spread the sealer evenly over wood grain.

If wood is kiln-dried after being sprayed, will the kiln remove the wax from the wood and negate the benefit of sealing?

No. Although temperatures above 120°F will cause excess wax to slough off the surface, a sufficient amount of wax penetrates into the wood to protect it. During the conditioning cycle of the kiln process, some of this wax is raised to the surface where it may become visible.