

ANCHORSEAL®

End Sealer for Logs and Lumber

Wax End Sealer—like a “wax paint” - that seals and protects the ends of freshly sawn logs and lumber from costly end checking and degrade.

BENEFITS — ANCHORSEAL stop most end checking before it begins. The sooner end sealer is applied, the more effective it will be. Depending on the species, you can prevent losses of 5% - 20% if your logs and lumber by using ANCHORSEAL immediately after sawing.

SUPERIOR QUALITY — ANCHORSEAL is known in the forest products industry as the best quality sealer and most stable wax emulsion coating available. For over two decades, ANCHORSEAL has been the sealer of choice in the hardwood industry.

PROVEN RESULTS — Independent studies* have concluded that end coating has great benefit by reducing degrade. In freshly sawn lumber it reduces end checking losses. In freshly cut logs, it reduces blue stain and end checking.

* At Virginia Tech, research found that 5/4 green lumber that was end coated within three days of sawing produced 4% greater yield by reducing end checking.

* At the University of Wisconsin, a study was conducted on freshly sawn logs. The results indicate that end coating logs kept them fresh and more valuable by reducing and checking by six inches and reducing log staining by 9 inches after weeks of storage.

Results show that ANCHORSEAL protected logs and lumber are significantly more valuable than uncoated logs and lumber.

EASY TO APPLY — Similar in viscosity to latex paint, ANCHORSEAL is easily brushed on or sprayed on. Easy-to-use spraying equipment is available from U-C Coatings

COVERAGE — One gallon covers about 100 sq. ft. Typically, that will be three bundles of lumber (or 15–20 logs) on both ends, depending on each individual application.

ECONOMICAL — The cost of end coating is \$2–\$3 per MBF, depending on length and application technique.

PROPERTIES

ANCHORSEAL is a stable wax and water emulsion.

Appearance: Viscous, white liquid (unit pigmentation)

Viscosity: 2000 cps. (same as latex paint)

Weight: 470 lbs./55 gal. drum; 45 lbs./5 gal. pail

Specific Gravity: 0.95

Clean-Up: Use hot, soapy water (not solvents)

COLORS — Available in natural wax Clear and a variety of colors.

STORAGE — Just like water-based paint, care must be taken to not expose ANCHORSEAL to temperatures below 32°F. For cold weather conditions, winterized products are available. We recommend storing ANCHORSEAL in a controlled environment, above 50°F, for trouble-free use.

ENVIRONMENTALLY FRIENDLY — ANCHORSEAL is essentially non-toxic and non-hazardous. ANCHORSEAL is not combustible until dried and then has a flash point in excess of 400°F/205°C.

TRY IT BEFORE YOU BUY IT — All of U-C Coatings products are available on a sample basis to allow you to test their effectiveness in your operation. Contact us for information and a sample of ANCHORSEAL to start saving your money!

WARRANTY AND LIMITATIONS—U-C Coatings Corporation makes every effort to maintain uniformity in our products from shipment to shipment. However, (1) wood behavior is different from species to species, and will change due to weather, temperature, and other environmental factors, and (2) U-C Coatings has no over control how and when our products are used. Therefore U-C Coatings cannot guarantee and does not warranty product effectiveness. U-C Coatings' responsibility and liability shall be limited to the replacement purchase price of any product not deemed to be reasonably fit for the purposes set forth in this literature.

Description

ANCHORSEAL is a water-based wax emulsion—like a “wax paint”. Clean-up is done with hot, soapy water. Solvent cleaners are not needed or recommended.

Application

- a. ANCHORSEAL is applied as soon as possible after cutting or end trimming, to all end grain surfaces. On valuable veneer logs, areas where bark is removed should also be ANCHORSEALed.
- b. Apply ANCHORSEAL with a brush, roller, or with spray equipment. If a sprayer is used, the tip must be large enough to accommodate the thick ANCHORSEAL emulsion. (A .021”/.55mm opening is usually sufficient. Sprayer information is available from U-C Coatings.)
- c. ANCHORSEAL should be applied “to the drip”; apply as much as the lumber or log will hold, until it begins to drip slightly. If there is no dripping, it may be too little. If there is a heavy dripping, it is too much.
- d. Valuable logs will benefit from a heavy application of ANCHORSEAL. Logs under 24”/60cm should be coated “to the drip” (see c.). Logs over 24”/60cm should be coated very heavily, perhaps twice within 15 minutes. The increase in value/yield from the larger logs will be worth the little extra time and ANCHORSEAL used.

Benefits

ANCHORSEAL stops most end checking before it begins. The sooner lumber or logs are ANCHORSEALed after cutting/end trimming, the more effective it will be. Depending on the species, you can save 5% - 20% of your logs or lumber; the yield is increased and natural resources are conserved. [To restrict checks which have already started, the use of **LogSavers** (patented plastic “s-irons”) is recommended.]

Flammability and Toxicity

ANCHORSEAL is not combustible until dried and then has a flash point in excess of 400°F/205°C. It is not toxic unless inhaled or swallowed in large quantities. It should not be used in an enclosed area or near an open flame or heater, and it should not be stored in an extremely hot area or near an open flame.