

# Preservation Solutions

Innovators of Safe Products for Wood and Leather

## Log & Beam Treatment

### *Wood Stabilizer*

A unique product developed for treating logs, which significantly reduces cracking, splitting, checking and warping caused by shrinkage. It acts as a conditioner and allows the wood to breathe while drying. Since moisture is not tied up in the wood, this eliminates the chance of rotting from within.

Log & Beam Treatment is formulated to slow the drying of large logs, beams and timbers. It can be used on hand-hewn, milled and hand peeled logs and timber. Wood can be treated and dried inside new construction sites. Popular for use on accent logs and beams, furniture, archways, carvings, columns, railings, stairs, and other items.

#### **Benefits:**

- Brings out the natural color and enhances the grain of the wood
- Will not darken the wood, allowing it to age naturally
- Pleasant smell – no foul odors or harmful fumes
- Contains a natural UV protectant, which slows oxidation
- Does not form a film
- Oil-based stains and dyes can be added to the Log & Beam Treatment or applied afterward
- Treated wood will accept a finish/sealer once dried

**Coverage:** Log and Beam Treatment will cover approximately 75-125 square surface feet of wood per gallon. The amount of coverage will depend on the hardness of the wood, moisture content, and if the wood has been planed or is left in the rough.

**Directions:** For best results, apply at temperatures above 65°F. There are no upper temperature limits. Using a paint or roller brush, apply a generous coat of Log & Beam Treatment to all exposed surfaces of the wood. The product can also be sprayed on. For best results, apply 3-4 coats allowing 4-12 hours to dry between applications.

For green logs or beams that are going to be exposed to direct heat within three months of application, an additional 2 coats should be applied. Apply extra coats to the end grain, mortise and tenons where absorption is higher.

Wood can also be soaked in a trough of Log & Beam Treatment for 10-12 hours. This is ideal when treating large quantities of wood.

Clean up with soap and water.

**Drying:** It is best to dry treated wood where there is no direct heat or exposure to sun, rain or wind. The ideal scenario is to let the wood dry naturally inside at temperatures between 50-65°F. Cover wood with tarps that will be exposed to weather.

If the wood is dried too fast, rapid cracking can occur, so for wood that will be dried in a heated building, wrapping in a commercial house wrap or brown paper will help slow the drying.

Treated wood can be worked with (carved, installed, assembled, etc.) while it is still wet, however, keep in mind that there will still be some movement during drying. Do not apply a finish or sealer until the wood has completely dried. If the wood is sealed prior to completely drying, moisture will be trapped and the wood will eventually rot from within.

**Gluing and Finishing:** Once completely dry, the wood can be sanded, glued, stained and/or finished. We recommend using oil or alcohol based stains and finishes as water based products add moisture back into the wood and can leave it tacky.

**Note:** Although this product is considered non-flammable because the flash point is over 270°F, it is still combustible. Dispose of used rags by saturating with water before discarding. Do not smoke or use near open flame. Use rubber gloves and proper eye protection to avoid possible irritation.



**Precautionary Statements:** Do not get in eyes, on skin or on clothing.

**Hazard statements:** Causes eye irritation and may irritate skin causing dryness. *If in Eyes:* Rinse with water for several minutes. Remove contact lenses if present and easy to do. *If on*

*Skin and Clothing:* Wash skin with soap and water. Remove and wash contaminated clothing. If skin or eye irritation persists, get medical attention.

Store product closed in original container in a cool, dry area. Keep out of the reach of children. Please recycle container.

**Disclaimer:** Being that wood is a natural material and is susceptible to varying degrees of shrinkage, reaction, deterioration, and because of varying climatic conditions, varying experience of the user and may be applied under conditions beyond our control, as the seller, we make no warranty expressed or implied as to this material or its use. All information stated herein is accurate to the best of our knowledge and is based on thorough testing.

Developed and Manufactured in the USA by:  
**PRESERVATION SOLUTIONS, LLC**  
PO Box 7533, Golden, CO 80403  
Ph: 303.642.3060 Fax: 303.648.6486  
[preservation-solutions.com](http://preservation-solutions.com)

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