



# DRI-ONE Flame Retardant

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## LUMBER TREATMENT PROCESS

**APPLICATION:** For best coverage, spray evenly, coating entire surface. Two coats are recommended. Dry thoroughly before applying 2nd coat. Drying time varies according to temperature and humidity.

**TREATMENT METHOD:** The lumber can be treated onsite by spraying, rolling, brushing or dipping. D.R.I. recommends that application be made to ensure complete saturation of the lumber. For best penetration apply 2 coats and allow lumber to dry thoroughly before applying final finishes. Another option for treatment is lumber can be brought into the treatment yard and stacked directly in front of the stainless steel dipping tanks. The structural lumber tank is 2' wide, 26' long and 18" deep. The plywood tank is 5' wide, 13' long and 12" deep. The appropriate tank is filled with DRI-ONE® Flame Retardant. Each piece of lumber is then placed in the tank and completely submerged in the solution for a period of 30 seconds. The piece of lumber is then removed and stacked, usually on pallets, on the opposite side of the tanks. The properties of DRI-ONE® along with stacking the wet lumber ensure a sufficient level of product saturation.

**Upon completion,** the lumber can then be banded, loaded and shipped to the job-site for immediate use.

**ADDITIONAL REQUIREMENTS:** A green colorant can be added to the DRIONE® solution to aid in identifying the treated lumber.

**CERTIFICATION:** A treatment certificate is available upon request.

**TOOLS:** Spray, roll, brush, airless spray gun or submerge unfinished wood or other forest products. Once treated and dried, apply your choice of final finishes such as sealers, stains, undercoats, primers, and paint.

**COVERAGE:** 200-300 sq. ft. per Gallon. The suggested manufacturer's minimum of 200 square feet per gallon on raw lumber. Do Not Dilute. Not recommended for use on plants or greenery.

**SURFACE PREPARATION:** Material must be clean, dry and free from oils. DRI-ONE® is NOT effective when applied to non-absorbent surfaces and wood which has been previously sealed or painted with water repellents, stains, paints and other finishes.

**SAFETY:** Keep out of reach of children. Use rubber gloves and eye shields if product causes irritation, clean up with clear water. Store in original container, tightly closed. Avoid skin contact and do not inhale spray mist. Avoid contamination of any water supply with chemical or empty container. Avoid eye contact. Flush eyes with clear water if necessary. DRI-ONE® is non-toxic and non-hazardous.

**DRY TIME:** DRI-ONE is just a little heavier than water; gauge your drying time accordingly. Weather conditions (rain and humidity) should also be taken into consideration.

**FIRE TEST:** Always perform a fire test to verify your application is successful. Once treated items are thoroughly dried. Perform a small scale test similar to NFPA 701 field test on a treated sample piece. Use a lighter, match and or Butane lighter on a test piece to verify that your application was applied correctly. The Flame MUST Self-Extinguish within 2 seconds once fire source is removed. Test every 3-5 years, if the area treated has lost its protective barrier then you should reapply.

For Additional Information, please visit [www.DRI-ONE.com](http://www.DRI-ONE.com)  
For Technical Data check out DRI-ONE mSDS

### CERTIFICATION

California Administrative Code, Title 19

NFPA 701

Steiner Tunnel Test A.S.T.M. E 84

Similar NFPA No. 255, ANSI 2.5, UBC No. 42-1, UL No. 723