

Kiln Drying Your Wood



Lumber & Slab Drying Services

We specialize in fast and reliable lumber and slab drying services of most northwest hardwoods and softwoods. We offer kiln drying, heat treatment and pitch setting services for professional wood workers, sawyers and hobbyists. Our hybrid kiln is easy on your wood through its dehumidification process uses massive air-flow and cyclical temperature humidity level management.

- We can handle lumber or slabs up to 72 inches wide and 19-1/2 feet long. Our kiln capacity varies on the dimensions of wood you provide, but typically we can load between 2400 and 4000 board feet in a load.
- If you need your lumber transported, we can help you out. Our typical fee is \$2.00 per mile, round trip.
- If you need your lumber banded and wrapped, we are happy to provide this service for a small fee of \$25/bundle up to 2000 lbs.
- See our kiln drying price list for more information on drying cost. We also offer discounts for large volumes



Drying grades we offer:

MC-12 Moisture Content 10-12%

Kiln dried to moisture content of 10-12%. Normally used for softwoods and hardwoods without specific drying requirements.

MC-8 Moisture Content 6-8%

Kiln dried to a moisture content of 6-8%. Normally used for woods which are intended for woodworking projects or flooring.

HT Heat Treatment

If your wood requires sterilization from insects or having its pitch set, we offer an optional heat treatment cycle at the end of the drying cycle. To heat treat lumber, at the end of the drying cycle we raise the kiln temperature to 155-160 degrees F for 24 hours. Because heat treatment only is only a sterilization process, it does not change wood characteristics in the same ways as kiln drying does. Insects, pathogens and other living organisms are killed but the wood is generally unchanged. Also during this process, solvents in the wood's pitch evaporate. This causes the pitch to "set" at higher than ambient temperature. Pitch setting is important with softwoods such as Douglas Fir, Hemlock, Pine, Spruce and even cedar used in finish woodwork.

KD Kiln Dried

The industry standard for lumber to be designated KD or Kiln Dried is having a moisture content of less than 19%. Generally you will find that this lumber is actually at about 15% in the lumber yard. This is our most economical drying level, though we rarely dry lumber to this grade.

FYI: Moisture Content Equilibrium

No matter how much you dry your lumber, it will find equilibrium in its environment. For instance, if you have us dry your wood to MC-10, then store it in a carport outdoors, the wood will absorb moisture from the humidity in the air, at a rate of about 1% moisture content (MC) increase per month. It will continue until it reaches equilibrium. Your wood could be at 20% moisture content within a year. Alternatively, if the wood is stored inside a heated space, then the MC equilibrium could be lower than the MC your wood was dried to, and will continue to lose moisture over time. It's always best to store your wood in an environment that it will maintain its dryness



Kitsap Dry Kiln
Dry Kiln & Mobile Sawmill Services

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