

L53/L200 Heat Treat Procedures

Sterilization

1. Turn off the compressor.
2. Set the dry bulb temperature to 140°F (the wet bulb doesn't need any changes).
3. Once the chamber reaches 140°F, leave the wood for 24 hours for 4/4, 48 hours for 8/4, add 12 hours for every 4/4 extra.
*If you have a L200M, turn the final moisture setting to zero.

Setting Pitch

Set the kiln to 160°F and once you reach it start timing. There is no set time for setting the pitch in pine as the time varies depending on how much pitch is in the wood. After a while you should be able to figure out the time required for the wood in your area. Best practice, place a couple of full dimension scrap boards in with your load for test boards. For pine with lower pitch levels (i.e., East White Pine) usually 24 hours is enough. To use the test boards, after 24 hours pull out one test board and let it cool to room temperature. Then cut it in half to see if the pitch has crystalized (the board must cool for this to happen). If it has crystalized, unload, if not leave it another 24 hours and test again. Use your judgement based on how it looks and adjust the time as required. Keep testing till it has set.

*If you have a L200M, turn the final moisture setting to zero.

Conditioning

You can do this at the same time as your heat treat cycle. Put the water directly onto the floor, do not put it on the wood, it may contain minerals that could react with the wood. When the water evaporates into the air, any contaminants will be left behind. The water will not raise the moisture content any appreciable amount.

How much to use

2000 BF or less use 5 gallons

More than 2000 use 10 gallons.