Species Characteristics and Drying - *iDRY Plus & iDRY Standard

The chart below is to be used strictly as a guide only and does not guarantee any outcome with respect to drying times, configurations, quality or difficulty drying different species of wood. Wood species characteristics and drying times vary greatly based on many factors including but not limited to moisture content, geography, cutting methods, weather and so on. Green Maple that is 1" thick typically dries in *approximately* 1 week (will vary) and is the baseline species for relative drying times in a Plus or Standard.

			Typical Drying TIME and Difficulty
Species	**Typical Characteristics**	**Typical Configuration**	
Maple		Standard	
Ash		Standard	
Pine	High water content	Low power and or low temperate with12 hour drain cycle. Set the pitch at the end with high power and or higher temperature with 24 hour drain cycle.	
Cedar	High water content	12 hour drain cycle	
Hemlock	High water content	12 hour drain cycle	
Walnut*	Grain structure provides roadblocks that prevent water from moving in all directions and lead to water pockets.	From green, low power and or low temp with drain cycle to 24 hours until moisture content is below 25%. Once below 25%, high power and or high temp with drain cycle at 48 hours.	
Red Oak	Lots of free water, tends to dry too fast which can have negative impacts on quality.	Air dry to 25% moisture content before putting in the kiln. 48 hour drain cycle If drying from green, dry on low power mode and or low temp with drain cycle at 48 hours. Once moisture content is below 25% then switch to high power mode and or high temp and keep drain cycle at 48 hours.	
White Oak	Very dense and hard to dry.	Air dry to 25% moisture content before putting in the kiln. 48 hour drain cycle If drying from green, dry on low power mode and or low temp with drain cycle at 48 hours. Once moisture content is below 25% then switch to high power mode and or high temp and keep drain cycle at 48 hours.	

**Not* *"Claro Walnut."*

iDRY, LLC is providing this information as a tool, but does not guarantee and is not responsible for the outcome of any drying results.
If you have questions about other wood species we recommend reaching out to the drying community on Facebook, or by calling us, we'd love to hear from you.