



MARIMBA BAR WOOD QUALITY RATING SYSTEM

Chris Banta recommend guidelines - AUG 2018

Rating	End Grain	Length Grain
<p>A ✓✓✓</p> <p>[BEST] Ideal for melodic bar percussion instruments used in professional musical situations (e.g. orchestral, symphonic, high-quality studio recordings)</p>	<p>Quarter-sawn/Rift-sawn: Grain direction is near perpendicular to the ground when lying flat.</p>  <p>Range: Grain is between 90 and 75 degrees perpendicular to the floor when lying flat.</p>	  <p>Range: No more than ½-inch deviation from straight over a 48-inch length</p>
<p>B ✓✓</p> <p>[GOOD] Suitable for melodic bar percussion instruments used in junior and high-school music programs</p>	<p>Half-sawn:</p>  <p>Range: Grain is between 70 and 45 degrees perpendicular to the floor when lying flat.</p>	<p>Range: No more than 1-½ inch deviation from straight over a 48-inch length</p> <p>Not recommended for pitch octave C2 (bass C) and below</p>
<p>C ✓</p> <p>[ACCEPTABLE] Suitable for melodic bar percussion instruments used by preschool, kindergarten, and grade school aged children. (Also useful for bar tuning training and pitch-octave bar sizing experimentation.)</p>	 <p>Range: Grain is 40 degrees or greater perpendicular to the floor when lying flat</p>	<p>Range: No more than 2-½ inch deviation from straight over a 48-inch length</p> <p>Not recommended for pitch octave C3 (tenor C) and below</p>
<p>X ✗</p> <p>[QUESTIONABLE] Not recommended for instrument use.</p>	<p>Plain-sawn/Flat-sawn: Grain direction is nearly parallel to the ground when lying flat.</p> 	<p>Not Relevant</p>