

Understanding Crook

Definition

Crook is transverse warping of a deck board, resulting in a curve along the length of the board. See Figure 1.

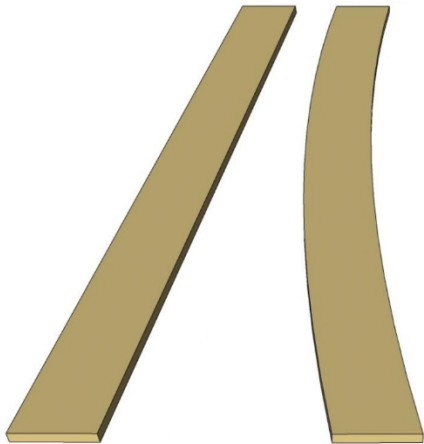
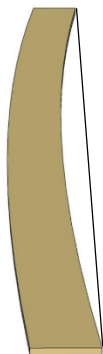


Figure 1. Illustration of straight board (left) and crooked board (right)

Measurement

To measure crook:

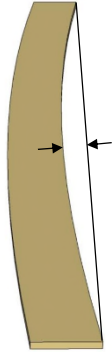
1. Place the board on a flat surface.
2. Create a straight line between the two ends of the board on the concave side.



Note: the straight line can be made using a string, a laser, a length of angle iron / structural channel, or similar means.

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3. Measure perpendicular from the straight line to the inside edge of the board at the midpoint of the board.



Specification

The maximum allowable crook is 1/16" per linear foot. The below table shows specification limits for standard board lengths.

Board length, ft	Maximum allowable crook, in
12	0.75
16	1.00
20	1.25
24	1.50