

Standard Grading Rules for Southern Pine Lumber

Management of Change Form



Name of Person Requesting the Change: Linda Brown

Date of Requested Change: 7/14/2022

Request Title: Add 1" Knot Displacement to Section 431 & 432

Printed Date: 11/1/2022

Change Category:

- | | |
|---|--|
| <input type="checkbox"/> Proposal to align with National Grading Rule | <input type="checkbox"/> Proposal based Resource Monitoring Program |
| <input type="checkbox"/> Proposal to align with ALSC Enforcement Regs | <input type="checkbox"/> Grade Rule - Addition |
| <input type="checkbox"/> Proposal to align with PS 20 | <input type="checkbox"/> Grade Rule – Removal |
| <input type="checkbox"/> Editorial change to existing content | <input checked="" type="checkbox"/> Proposal to align with WWPA Western Lumber Grading Rules |
| <input type="checkbox"/> Proposal to align with SPIB governance | |

Description of Proposed Change: *(In very few words, what does the proposed change accomplish?)*

Add "and 44% in 1" thickness" to the first footnote in § 431 & 432 of the **Standard Grading Rules for Southern Pine Lumber** to reflect that which is found in the **WWPA 2021 Western Lumber Grading Rules**.

Rationale: *(Briefly explain why the proposal should be adopted?)*

The **Standard Grading Rules for Southern Pine Lumber** reference, "For a complete set please contact WWPA" when referring to Patio Decking Grades. As it relates to Patio 1 Decking knot sizes the first footnote does NOT mention "and 44% in 1" thickness" as is published in **WWPA 2021 Western Lumber Grading Rules**.

Proposal: *(Show new, revised, or deleted text exactly as it would appear in the legislative format: **Line through text** to be deleted. **Underline text** to be added. If possible, avoid using the "track changes" tool; instead, use the "strikethrough" and "underline" features in the font menu. Please note section(s) to be deleted if revisions are extensive and include replacement text. Please make every effort to include the text within this section, not as a separate attachment. Do not include unaffected sections, tables, or figures unless it is necessary to demonstrate the relationship of proposed revisions.)*

Knots (Wide Face) – Sound, firm, encased, and pith knots, if tight and well-spaced, are permitted in the following sizes or their equivalent displacement:

Nominal Width	Knots ⁽¹⁾	Encased Knots ⁽²⁾
6"	2-3/4"	1"

Table 400-11: Patio 1 knot sizes

(1) Narrow face knots and spike knots are limited to a displacement of 50% of the cross section in 1-5/32" **and 44% in 1" thickness**

(2) Encased knots are limited to two of maximum size or equivalent smaller per 12' of length

(3) Knots are measured by the displacement method. Any knot touching the edge is an edge knot and may not be increased in size



Nominal Width	Knots ⁽¹⁾	Encased Knots ⁽²⁾	Unsound, Loose Knots & Knot Holes ⁽³⁾
6"	3-1/2"	2"	1-1/2"

Table 400-12: Patio 2 knot sizes

- (1) Narrow face knots and spike knots are limited to a displacement of 50% the cross section in 1-5/32" and 44% in 1" thickness
- (2) Encased knots and unsound knots are limited to two of maximum size or equivalent smaller per 12' of length
- (3) Loose knots and knot holes are limited to one of maximum size or two equivalent smaller per 12' of length
- (4) Knots are measured by the displacement method. Any knot touching the edge is an edge knot and may not be increased in size

Supporting Information:

■ 55.21

PATIO 1

Characteristics permitted and limiting provisions are:

Checks – Medium seasoning and roller checks. If through, limited as splits.

Compression Wood – Not permitted if readily identifiable and in damaging form.

Holes – Pin holes, 15 per square foot or one medium hole for each 4' of length.

Knots, Wide Face – Sound, firm, encased, and pith knots, if tight and well spaced, are permitted in the following sizes or their equivalent displacement:

Narrow face knots and spike knots are limited to a

Nominal Width	Red Knots	Black Knots
6"	2 3/4"	1"

displacement of 50% the cross section in 1 5/32" and 44% in 1" thickness.

Black knots are limited to two of maximum size or equivalent smaller per 12' of length.

Manufacture – Standard "E." See Section 722.00(e).

Pitch – Medium.

Pitch Streaks – One medium per 12' of length.

Pockets, Pitch or Bark – Small.

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Figure 1: Excerpt from Western Lumber Grading Rules § 55.21

430. PATIO DECKING

Some mills manufacture decking under Western Wood Products Association (WWPA) Rules. The Southern Pine Inspection Bureau has provided a guideline below for applying these rules to Southern Yellow Pine lumber. For a complete set please contact WWPA. There are two grades of Patio Decking: PATIO 1 and PATIO 2. Patio Decking is available in nominal 1-1/4" thickness surfaced dry either 1" or 1-5/32" (29mm) thick, and 5-1/2" (140mm) wide. One inch thick stock is manufactured with 1/4" radius edges. Stock 1-5/32" thick has 3/8" radius edges. Standard lengths are 6' and longer in multiples of 1'.

Figure 2: Excerpt from Standard Grading Rules for Southern Pine Lumber § 430

END FORM