

STANDARD SPECIFICATIONS  
FOR  
SOUTHERN YELLOW-PINE TIMBER TO BE  
CREOSOTED.

Serial Designation: D 24 - 20.

These specifications are issued under the fixed designation D 24; the final number indicates the year of original adoption as standard, or in the case of revision, the year of last revision.

PROPOSED AS TENTATIVE, 1915; ADOPTED, 1920.

1. The specifications as to strength shall agree with the requirements of the Standard Definitions of Terms Relating to Structural Timber (Serial Designation: D 9) of the American Society for Testing Materials. **General Requirements.**

2. All pieces, except as specified in Section 6, shall show at least 30 per cent sapwood in cross-section. This is based on a minimum treatment of 12 lb. of creosote per cubic foot of timber. **Sapwood.**

3. In bridge stringers knots greater than  $1\frac{1}{2}$  in. in diameter shall be at least 4 in. from the edges of the stick. There shall be no knots more than 4 in. in greatest diameter in any part of the stick. **Bridge Stringers.**

4. Caps, sills, posts and sawed poles shall be free from knots more than  $2\frac{1}{2}$  in. in diameter. **Caps and Sills.**

5. Longitudinal bracing, cross-arms and similar pieces having small cross-section shall have no knots more than 1 in. in diameter. **Bracing.**

6. Track ties shall show at least 20 per cent sapwood in cross-section. This is based on a minimum full-cell treatment of 8 lb. of creosote per cubic foot of timber. **Track Ties.**