

**SPECIFICATION SHEET # 1251, TRESTLEWOOD II STAIRTREADS AND RISERS  
June 13th, 2005**

**1. Species**

Douglas Fir

**2. Source**

Piling of Lucin Cutoff Railroad Trestle--Great Salt Lake

**3. Knots**

Unlimited; some knots are broken, loose or fallen out

**4. Nail/Bolt Holes**

None

**5. Checks/Cracks**

Unlimited as long as board is sound; end cracks to extend no more than 6" into board

**6. Percentage Sapwood**

Unlimited

**7. Grain Pattern**

Mixed

**8. Standard Dimensions**

Stair Treads: a) Thickness: 3/4"; b) Width: 12" (laminated); and c) Length: up to 6'.  
Risers: a) Thickness: 3/4"; b) Width: 7" (laminated); and c) Length: up to 6'.

**9. Textures Available**

Smooth, Wire-Brush and Circle-Sawn

**10. Weight**

Typically, approximately 4 pounds per board foot

**11. Salt/Minerals**

Trestlewood contains significant amounts of salt and other minerals (often 20%+ by weight), creating special characteristics and/or considerations like those described in the following items.

**12. Color**

Colors found in Trestlewood II include yellows, oranges, reds, browns, greens, grays/blacks and purples. The coloring of individual boards varies widely. Textures and finishes also impact final floor coloring. The result is that each Trestlewood II floor has its own distinctive, unique coloring.

**13. Finishes/Glues**

Certain finishes and glues do not work well with Trestlewood II. Most importantly, **DO NOT USE WATER-BASED FINISHES.**

**14. Fire Retardance**

Schuller International performed an ASTM E-84 Flame Spread test on a Trestlewood II piling sample in January, 1995. The resulting index value was 16, well below the maximum index value of 25 for a Class I fire retardant. Normal Douglas Fir has a flame spread index of 70 to 100. Only a few wood species have flame spread index values less than 75. Fire retardant treatments are generally necessary to meet Class I (and often to meet Class II.)

**15. Moisture**

Moisture is a big issue with all wood flooring. It is an especially big issue with Trestlewood II flooring. Trestlewood II absorbs moisture more readily than typical Douglas Fir. It should be handled, stored and transported carefully to minimize any unnecessary reabsorption of moisture. Trestlewood II flooring should not be installed in humid environments. It is strongly recommended that Trestlewood II flooring not be installed



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in environments which cannot be kept at or below 22 degrees Celsius (71.6 degrees Fahrenheit) and 70% relative humidity. The salt in Trestlewood II makes moisture meter readings unreliable.

**16. Installation**

The flooring installer should be made aware of special Trestlewood II characteristics such as those listed above and should take them (as well as local conditions) into account when climatizing and installing a Trestlewood II floor.

**17. Additional Information**

See the current Trestlewood II Features/Issues summary for additional information about Trestlewood II characteristics and their practical implications. This summary is for informational purposes only and is not a part of the Trestlewood II T&G Flooring specification sheet.