

**SPECIFICATION SHEET # 1223, TRESTLEWOOD II WEDGE-LAP SIDING
July 26th, 2004**

1. Species

Douglas Fir

2. Source

Piling of Lucin Cutoff Railroad Trestle--Great Salt Lake

3. Moisture Content

Depends on amount of air dry time; not kiln-dried

4. Knots

Unlimited; occasional loose knots

5. Nail/Bolt Holes

None

6. Checks/Cracks

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

7. Grain Pattern

Mixed

8. Standard Dimensions

a) Thickness (net): 1/2" to 7/8"; b) Width: 8"; c) Length: 2' increments, up to 16'; and d) Standard Installation: boards overlap 1 1/2" (6 1/2" coverage).

9. Surfacing

Band-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, from normal Douglas Fir coloring to color combinations unique to Trestlewood II. Surfacing and finishes impact final coloring. Color variations are more noticeable in planed and milled products than in circle-sawn or band-sawn products.

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. Metal Corrosiveness

Trestlewood II can have a corrosive effect on metal fasteners, machinery and saw blades. Stainless steel fasteners should be used in lieu of regular steel fasteners, especially in applications involving the likely mixing of Trestlewood II, moisture and oxygen.



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16. Moisture

Moisture is a big issue with all wood accessories. It is an especially big issue with Trestlewood II. Trestlewood II absorbs moisture more readily than typical Douglas Fir. It should be handled, stored and transported carefully to minimize any reabsorption of moisture. Trestlewood II accessories should not be used in humid environments. It is strongly recommended that Trestlewood II accessories not be used in environments which cannot be kept at or below 22 degrees Celcius (71.6 degrees Fahrenheit) and 70% relative humidity. The salt in Trestlewood II makes moisture meter readings unreliable.

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 Wedge-Lap Siding specification sheet.