

**SPECIFICATION SHEET # 7600, BARNWOOD SIDING  
July 22nd, 2008**

**1. Species**

Mixed Species. May include Oak, Elm, Hickory, Ash, Maple, Beech, Poplar, Pine, Fir, Spruce, Cedar, Larch, Douglas Fir, others.

**2. Source**

Barns, corncribs, stables, mills, homes and other buildings and agricultural structures from different locations in North America

**3. Standard Configurations**

a) Board-and-Bat Configuration: i) Lumber Thickness: 7/8"; ii) Lumber Widths: 8" boards and 4" bats; iii) Lumber Lengths: random, to 16', with no more than 10% of square footage being under 4' long; iv) Installation: 8" boards are installed with 2" of spacing in between them; 4" bats are installed over the spaces, overlapping the boards on each edge by +/- 1"; v) SF/LF Conversion Factor: Trestlewood will send 1.2 LF of 1x8 and 1.2 LF of 1x4 for each 1 SF of standard board-and-bat siding ordered. For example, an order of 1,000 SF would result in 1,200 LF of 1x8 lumber and 1,200 LF of 1x4 lumber being sent.

b) Board-on-Board Configuration: i) Lumber Thickness: 7/8"; ii) Lumber Width: 6"; iii) Lumber Lengths: random, to 16', with no more than 10% of square footage being in lumber less than 4' long; iv) Installation: 6" boards are installed with 4" of space in between them; 6" boards are installed over the spaces, overlapping the boards on each edge by +/- 1"; v) SF/LF Conversion Factor: Trestlewood will send 2.4 LF of 1x6 for each 1 SF of board-on-board siding ordered. For example, an order of 1,000 SF would result in 2,400 LF of 1x6 lumber being sent.

c) Board-to-Board Configuration: i) Lumber Thickness: 7/8"; ii) Lumber Widths: 4" and 6" boards; iii) Lumber Lengths: random, to 16', with no more than 10% of square footage being in lumber less than 4' long; iv) Installation: boards are installed with their edges butted together (depending on various factors, including the geographic area, it may be advisable to leave a gap between boards to allow for expansion); v) SF/LF Conversion Factor: Trestlewood will send 1.2 LF of 1x6 lumber and 1.2 LF of 1x4 lumber for each 1 SF of board-to-board product ordered. For example, an order of 1,000 SF would result in 1,200 LF of 1x6 lumber and 1,200 LF of 1x4 lumber being sent.

d) Shiplap Configuration: i) Lumber Thickness and Profile: boards are milled to 3/4" thick with 3/8" shiplap joints milled on opposite edges (and opposite sides of the board); ii) Lumber Width(s): 3", 5" and/or 7" faces; iii) Lumber Lengths: random, to 16', with no more than 10% of square footage in lumber less than 4' long; iv) Installation: Shiplap joints allow boards to lap over each other to provide some protection from moisture; siding can be installed horizontally or vertically; v) SF/LF Conversion Factor: Trestlewood will send 4 LF of 3" shiplap for each 1 SF of 3" shiplap ordered (ordering 1,000 SF of 3" shiplap would result in 4,000 LF of 3" shiplap being sent), 2.4 LF of 5" shiplap for each 1 SF of 5" shiplap ordered (an order of 1,000 SF of 5" shiplap would result in 2,400 LF of 5" shiplap being sent), and 1.71 LF of 7" shiplap for each 1 SF of 7" shiplap ordered (an order of 1,000 SF of 7" shiplap would result in 1,710 LF of 7" shiplap being sent.)

e) Wedgelap Configuration: i) Lumber Thickness: 7/8"; ii) Lumber Widths: 6" and/or 8"; iii) Lumber Lengths: random, to 16', with no more than 10% of square footage in lumber less than 4' long; iv) Installation: Boards are installed horizontally with the lowest run boards being installed first and with each successive run overlapping the previous by 1 1/2"; v) SF/LF Conversion Factor: Trestlewood will send 2.67 LF of 6" wedgelap boards for each 1 SF of 6" wedgelap siding ordered (an order of 1,000 SF of 6" wedgelap siding would result in 2,670 LF of 6" wedgelap boards being sent) or 1.85 LF of 8" wedgelap boards for each 1 SF of 8" wedgelap siding ordered (an order of 1,000 SF of 8" wedgelap siding would result in 1,850 LF of 8" wedgelap siding boards being sent.)

**4. Target Dimensions/Tolerances**

Barnwood lumber is sorted for widths from 1/2" nominal to full dimension (i.e., 5.5" to 6" widths sent for 6" lumber.)

If barnwood lumber is cut (edged), it is cut to 1/2" nominal with tolerance of +/- 1/8". Barnwood lumber thickness tolerance is +/- 1/4".

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**5. Waste Factors**

LF/SF conversion factors set forth under Item 3 (Standard Configurations) do not take into account waste associated with end trimming, cutting out undesired characteristics, etc. The buyer should add an appropriate waste factor when ordering Trestlewood siding products. What is an appropriate waste factor? The answer to this question is very dependent on the buyer's application, design and taste (are there, for example, characteristics allowed by Trestlewood's specification sheet which Buyer will choose to cut out?), etc. Trestlewood recommends the use of at least a 10% waste factor when determining order quantities.

**6. Moisture Content/Stability**

Air-Dried (usually dry to very dry). Barnwood Siding is generally much more stable and less prone to shrinkage than is green lumber.

**7. Knots**

Unlimited knots; some tight, some fallen out. The shiplap configuration will result in more loose/broken knots as a result of the milling process.

**8. Metal/Holes**

Nails and fasteners are removed or occasionally cut flush or broken off. Barnwood Siding will generally have some nail holes, but few, if any bolt holes. Staining around holes is common.

**9. Checking/Cracks**

Unlimited as long as board is sound; end cracks to extend no more than 12" into board; many boards have dark checking and weathering.

**10. Grain**

Mixed grain

**11. Surfacing/Coloring**

Weathered (degree of weathering varies); Unless otherwise noted on the proposal, original face was rough-sawn, but may have been worn rather smooth; Barnwood Siding colors vary -- common colors include browns (common for interior weathered barnwood), grays (common for exterior weathered barnwood) and combinations of browns and grays.

One of the unique features of Barnwood Siding is the variety of colors found therein. Many boards will have two or more shades of colors. As a result, Trestlewood generally does not offer a color sort which does not allow for some latitude in color provided.

**12. Resawn Faces**

Unless otherwise specified, Barnwood Siding may have sawn edges and one sawn face.

**13. Appearance Variation**

Barnwood Siding generally come from a variety of sources. As a result, characteristics can be expected to vary from piece to piece. Trestlewood believes that appearance variations (no two pieces of barnwood exactly alike) are one of the selling points of this product line.

**14. Weight**

Depending on species mix. Typically, approximately 2.5 pounds per board foot

**15. Other**

Barnwood Siding can be very brittle and may split easily. Special care, such as pre-drilling holes for nails, is advisable.