STANDARD PATTERNS

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STANDARD PATTERNS
LUMBER ABBREVIATIONS

BBV  Beveled
BBV SDG  Beveled siding
BS  Both sides
CB  Center Beaded
CB1S  Center bead one side
CB2S  Center bead two sides
CG  Center groove
CG2E  Center groove two edges
CLG  Casing
CM  Center matched
CS  Caulking seam
CSG  Casing
CV  Center Vee
CV1S  Center vee one side
CV2S  Center vee two sides
D2S  Dressed two sides
D4S  Dressed four sides
DB CLG  Double-beaded ceiling
DB PART  Double-beaded partition
DBL T&G  Double tongued & grooved
D&M  Dressed & center matched
DKG  Decking
D’S,DS  Drop Siding
D S/L  Double shiplap
DVM J  Double vee-jointed matching
D&M  Dressed and matched
E  Edge
EB1S  Edge bead one side
EB2S  Edge bead two sides
EB&CB2S  Edge & center bead two sides
EV1S  Edge vee one side
EV2S  Edge vee two sides
E&CV1S  Edge & center vee one side
E&CV2S  Edge & center vee two sides
EE  Eased Edges
EG  Edge (vertical) grain
EM  End matched
EV  Edge vee
FE  Feathered edge
FG  Flat (slash) grain
FLG  Flooring
R&G  Feathered & grooved
G1E  Grooved one edge
HB  Hollow back
MG  Mixed Grain
N  Nosed
N1E  Nosed one edge
N2E  Nosed two edges
OS  One side
P1E  Planed one edge
P2E  Planed two edges
P1S  Planed one side
P2S  Planed two sides
P4S  Planed four sides
P1S1E  Planed one side one edge
P2S1E  Planed two sides one edge
P1S2E  Planed one side two edges
P4S1E  Planed four sides one edge
PAR  Planed all ‘round
PART  Partition
PE  Planed edge
PPE  Planed plain edge
PSE  Planed square edge
PSJ  Planed and square jointed
PTG  Planed and grooved
RB  Rabbet & bead
S  Side, Surfaced
SB1S  Single bead one side
SDG  Siding
SG  Slash (flat) grain
S/L, or SL  Shiplap
SQ  Square
STPG  Stepping
S&E  Side & edge (surfaced on)
S1E  Surfaced one edge
S2E  Surfaced two edges
S1S  Surfaced one side
S4S  Surfaced four sides
S1S&CM  Surfaced one side & center matched
S2S&CM  Surfaced two sides & center matched
S4S&CS  Surfaced four sides & caulking seam
S1S1E  Surfaced one side one edge
S1S2E  Surfaced one side two edges
S2S1E  Surfaced two sides one edge
S4S1E  Surfaced four sides one edge
T&G  Tongued and grooved
TG&B  Tongued, grooved, and beaded
TG&V  Tongued, grooved, and vee-jointed
T1E  Tongued one edge
UE  Unedged
VG  Vertical grain
VJM  Vee-joint matching

All patterns depicted in this publication are drawn to scale and printed at 70% actual size.

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Paneling
Siding

BEVELED SIDING

COLONIAL (OR BUNGALOW) SIDING

DOLLY VARDEN SIDING

(THICK) DOLLY VARDEN SIDING

CHANNEL RUSTIC SIDING
Siding

6" LOG CABIN SIDING

8" LOG CABIN SIDING

10" LOG CABIN SIDING
Siding

![Diagram of Siding Types: V-CV Rustic and V Rustic with dimensions provided.](image-url)
Ceiling and Partition

5/8x4 EB CEILING

1x4 E & CB CEILING

1x4-E & CV CEILING

1x6 E & CV PARTITION (S2S & CM E & CV2S)

1x6 E & CB PARTITION (S2S & CM E & CB2S)

1x4 V-PARTITION
Partition

1x4 BEADED PARTITION

5/8x4 E & CV PARTITION

5/8x4 E & CB PARTITION

1x4 E & CV PARTITION

1x4 E & CB PARTITION

1x4 - BOSTON PATTERN
Shiplap

1. **Shiplap - 3/8 Lap**
   - 3/8" - 5 1/8" - 6 1/8" - 8 1/8" - 10 1/8"

2. **Shiplap - 1/2 Lap**
   - 1/2" - 3" - 5" - 6 3/4" - 8 3/4" - 10 3/4"

3. **3 Shiplap**
   - 2 1/4" - 1 1/4"

4. **2 Shiplap**
   - 1 1/2" - 3/4" - 3/4"

5. **2 Shiplap EV1S**
   - 1/2" - 5 1/2" - 7 1/4" - 9 1/4" - 11 1/4"
Tongued & Grooved, Decking

S2S & CM 1/4 T&G

S2S & CM 3/8 T&G

SPECIAL D&M FLOORING

2 S2S CM EV1S DECKING

2 CHANNEL DECKING
Decking

3" x 6" WP-305-d

4" x 6" WP-405-d

4" DECKING WP-405-e
Decking and Flooring

3" DECKING WP-305-e

1 1/4 FLOORING D&M

5/4 FLOORING D&M

6/4 FLOORING D&M
Corn Cribbing

Grooved Roofing

Patent Lath

Stile

Sill

Jamb
Ogee Batten

Casket Stock

Beaded Shelving
Unseasoned Tongued & Grooved

CM 1/4 T&G

CM 3/8 T&G

2"x4" -6" -8" -10" -12" CM

3"x4" -6" -8" -10" -12" CM
Unseasoned Shiplap

2"x4" - 6" - 8" - 10" - 12"
SHIPLAP

3"x4" - 6" - 8" - 10" - 12"
SHIPLAP

2"x6" - 8" - 10" - 12"
SHIPLAP EV1S

3"x6" - 8" - 10" - 12"
SHIPLAP EV1S
Coverage Calculations

Siding and paneling are usually sold either by the lineal (running) foot or by the board foot.

To simplify cost and coverage estimations, select the appropriate factor from the table at right according to how the material is priced. The factors provided in the table can be used to calculate the amount of siding required either in lineal feet or in board feet.

In either case, the square footage of the area to be covered is calculated first, then multiplied by the appropriate factor.

Procedure:

A) Calculate the square footage in walls:
   length x width = sq. ft.
B) Calculate, and then subtract, the square footage of openings. Now add 10% for trim and waste.
C) Multiply the result by either the factor for lineal feet or the factor for board feet.
D) Multiply the total footage required by price.

Additional Information

Additional information and titles referenced in this publication are available for purchase from WWPA.

For a full description of technical publications available and a printable order form, go to the WWPA Internet site at www.wwpa.org.

You also can receive an order form via fax through the WWPA Fax Delivery Service by calling 732-544-2876 and following the instructions.

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### COVERAGE ESTIMATOR

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Nominal Width</th>
<th>Width</th>
<th>Factor for Lineal Feet¹</th>
<th>Factor for Board Feet²</th>
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<td>Dolly</td>
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1 Lineal Foot Factor is derived by dividing 12" by the exposed face width.
2 Board Foot Factor is derived by dividing the nominal width by the exposed face width and is based on nominal 1" stock, except log cabin. Log cabin is based on 2" thickness. For nominal 1½" log cabin, multiply by .75.

Note: Factors do not include any allowance for trim or waste and do not apply to diagonal installations. A 10% allowance (for trim and waste) should be added to the square footage required before the factors are used. Refer to Procedure at left.

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Checklist for a Siding Material Specification

- Select species suited to the project.
- List grade names, paragraph numbers and rules-writing agency. (Refer to Grade Selector chart on back cover.)
- Specify surface texture for exposed face.
- Specify moisture content suited to the project.
- If gradestamped, specify lumber to be stamped on back or ends. (WWPA's Specifying Lumber [A-2] offers additional information.)
- Specify VG (vertical grain) if appropriate and available.
- Specify pattern and size (WWPA's Natural Wood Siding [TG-8] and Paneling Basics [A-3] offer additional information.)
# Western Lumber Grades

<table>
<thead>
<tr>
<th>General Categories</th>
<th>GRADES</th>
<th>CEDAR Western &amp; Canadian</th>
<th>Grade Rule Paragraph Numbers for Reference &amp; Specifying</th>
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<td>All Patterns</td>
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<td>WWPA&lt;sup&gt;2&lt;/sup&gt; WC LIB&lt;sup&gt;3&lt;/sup&gt; NLGA&lt;sup&gt;4&lt;/sup&gt;</td>
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<tr>
<td>Premium Grades</td>
<td>B&amp;Better (IWP Supreme)</td>
<td>Clear Heart&lt;sup&gt;5&lt;/sup&gt; A Grade&lt;sup&gt;5&lt;/sup&gt;</td>
<td>20.11 102-b 200a</td>
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<td>D Select&lt;sup&gt;5&lt;/sup&gt; (IWP Quality)</td>
<td>Prime</td>
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<td>B Grade</td>
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<td>Additional Grades for Bevel Patterns</td>
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<td>Clear VG Heart&lt;sup&gt;5&lt;/sup&gt; A Bevel&lt;sup&gt;5&lt;/sup&gt;</td>
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<td>Quality Knotty&lt;sup&gt;6&lt;/sup&gt;</td>
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<td>118-c 118-e 114e</td>
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1. Equivalent grades, under the same paragraph numbers in WWPA Rules, are available in Idaho White Pine. Refer to Western Lumber Grading Rules.
2. Western Wood Products Association’s Western Lumber Grading Rules.
3. West Coast Lumber Inspection Bureau’s West Coast Lumber Standard Grading Rules.
5. Some clear grades may be specified VG (vertical grain). Common practice is to ship orders as a combination of vertical and flat grain, unless specified otherwise.
6. The widely used marketing term, “STK” usually describes a combination of Select Knotty and Quality Knotty, sometimes marketed with approximately 15% of the order in Quality Knotty.

The grade names in bold face type are the most widely available grades. These are often specified as a grade combination that includes some portion of material in the next higher grade; i.e. C&Btr Select, D&Btr Select, A&Btr Cedar, 2&Btr Common, 3&Btr Common or Std&Btr (Standard & Better).