

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:

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

COVERAGE ESTIMATOR

Pattern	Nominal Width	Width		Factor for Lineal Feet ¹	Factor for Board Feet ²
		Dressed	Exposed Face		
Bevel & Bungalow	4	3½	2½	4.8	1.60
	6	5½	4½	2.67	1.33
	8	7¼	6¼	1.92	1.28
	10	9¼	8¼	1.45	1.21
Dolly Varden	4	3½	3	4.0	1.33
	6	5½	5	2.4	1.2
	8	7¼	6¾	1.78	1.19
	10	9¼	8¾	1.37	1.14
Drop, T&G and Channel Rustic	12	11¼	10¾	1.12	1.12
	4	3¾	3¼	3.84	1.28
	6	5¾	5¼	2.34	1.17
	8	7¾	6¾	1.75	1.16
Log Cabin	10	9¾	8¾	1.35	1.13
	6	5¾ ^{1/8}	4¼ ^{1/8}	2.43	2.43
	8	7¼	6½	1.81	2.42
	10	9¼	8½	1.39	2.32
Boards	2	1½			
	4	3½			
	6	5½			
	8	7¼			
10	9¼				

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.

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.)