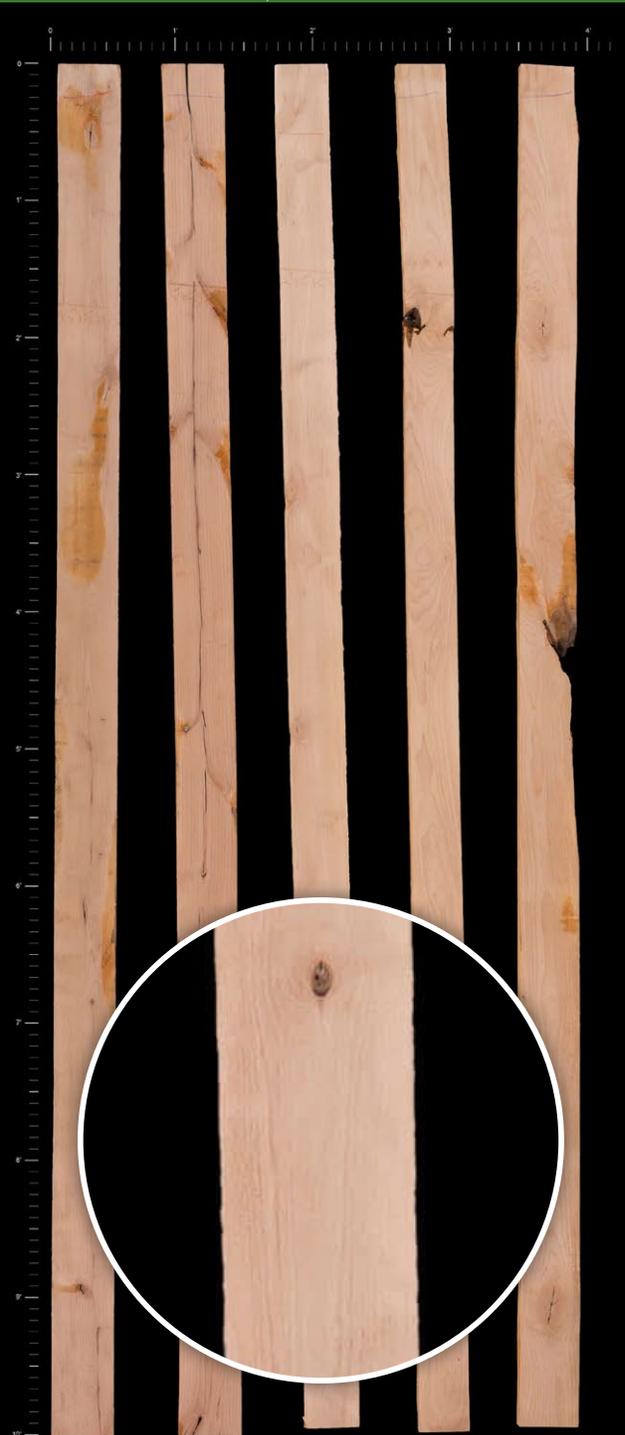


# Alder #3 Shop

View in the Cascade Grade Selector



#3 Shop is a 33.3% structurally sound cuttings grade.

#3 Shop is an economy grade that is used in all kinds of applications from upholstered furniture to small component parts. Boards are selected for shorter structurally sound cutting that maximize the raw materials value. #3 Shop is also well suited for finger jointed panels and specialty items.

	6'1" (1.85m)	7'1" (2.16m)	8'1" (2.46m)	8'3" (2.52m)	10'1" (3.07m)	12'1" (3.68m)
13/16			●		●	
4/4	●		●		●	●
5/4	●				●	
6/4			●		●	
8/4			●		●	
10/4			●		●	
12/4			●		●	

### Width Specs

- 3" (76mm) minimum

### Length Specs

- 6' (1.83m) minimum

### Cutting Specs

- 3" x 24" (76mm x 610mm) structurally sound cutting
- No limit to the number of cuttings allowed

### Notes

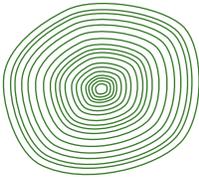
#3 Shop admits all boards two square feet and over surface measure, yielding no less than 33.3% structurally sound cutting or better.

# Species Info **Red Alder** (*Alnus rubra*)

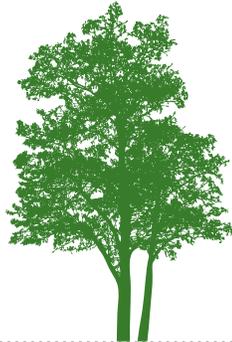
For workability, availability, and finishing, Alder is a very versatile and predictable material. It can be used alone or together with other species. Alder is a close or fine grained wood similar to cherry, birch and maple. It is used in both solid wood and veneer applications. Alder's fine homogeneous grain structure and the light uniform color of both heartwood and sapwood make it easy to form, fasten and finish.

## TYPICAL MATURE SIZE

10" - 34" diameter  
(250mm - 860mm)



70' - 120' tall  
(20m - 35m)



## COMMON USES



Doors



Furniture



Joinery



Kitchen cabinets



Mouldings and turnings

## OPTIMAL HARVEST AGE

17 - 27 years



## Workability\*

This diagram shows that the total workability index of Alder. As you can see, Alder is an excellent choice for even the most complex machining, gluing and finishing projects.



FINISHING

10



CHARACTER INTEREST

9



COLOR UNIFORMITY

10



MACHINING

9.2



SANDING/ POLISHING

10



JOINT STRENGTH

9



GLUING

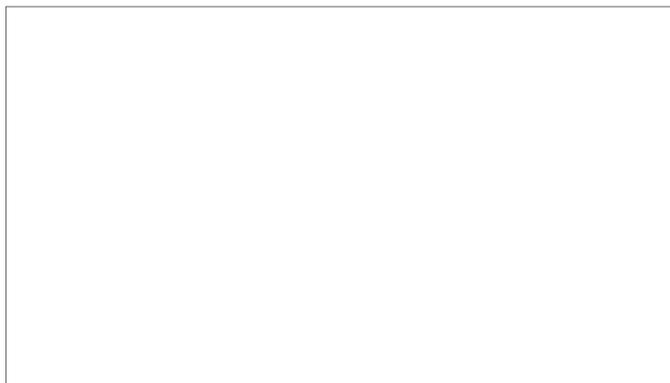
10

TOTAL

67.2

OUT OF 70

\*U.S. Department of Agriculture



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