

# Select Natural Alder Material Specifications

## Product Description

“Natural Alder” best describes this wood specie as it features both clear and natural wood characteristics randomly found on various wood pieces. Natural Alder offers a fair grain of light honey to reddish brown with uniform texture providing excellent finishing versatility. Knots and other natural wood characteristics are common in Natural Alder creating natural color variation in and around them.

Since Natural Alder characteristics are random, some window components will contain characteristics such as knots, while other components will be clear and void of any of the natural characteristics.

## Natural Alder Characteristics

### **Solid Materials**

Standard pine grading criteria apply to Natural Alder with respect to dings, dents, burn, bow, warp, twist, crook and other machining and wood characteristics. Exceptions to the standard pine criteria are:

- Knots up to 1-1/2” are acceptable.
- Knots with split all the way through can be filled with wood filler. Dark filler can be used on dark knots, a light filler can be used on lighter colored knots.
- Tight sound inter-grown edge knots are acceptable
- Round, oval and spike knots are acceptable.
- Checks in knots are acceptable
- Natural defects on the edge of components are ok as long as profile is maintained and defect is no greater than 3/4” in diameter.
- Dry pitch pockets up to a maximum of 1/8” x 3” are allowed and acceptable.
- Color variation is a characteristic of this wood specie in and around knots as well as variation from seasonal growth.
- Loose knots are **NOT** acceptable. In addition, checks, knots and voids that are all the way through the component are **NOT** acceptable.
- Irregularities and knots affecting dimension, structural strength or unit aesthetics will not be used.

### **Veneered & Edge Banded Materials**

- Natural color variation within the species is allowed
- Color streaks or spots are allowed
- Burl is allowed with a maximum diameter of 3/8”, no more than six allowed per part.
- Sound knots cannot exceed 1 1/2” in diameter, star checks cannot exceed a 1/16” in width.
- Occasional, well-scattered, barely perceptible, hairline surface seasoning or slicing checks up to 1/64” in width and 3” in length are allowed for a maximum of one per foot. No through checks are allowed.
- Ray Fleck is acceptable.
- Cross grain can have a maximum 1:8 grain slope and no spiral or diagonal grain
- Splices are allowed in pieces 6” or wider. The splice line must be tight (no voids), and grain, color matched.
- Splice lines through dark knots are not allowed.
- Any unnatural stains or discoloration are not allowed.
- No sapwood is allowed
- Holes or voids (including wormholes) up to 1 1/2” are allowed and can be filled with wood filler. Dark filler can be used on dark knots and a light filler can be used on lighter colored knots.. On Edge bands knots with voids up to 1/2” are acceptable, star checked knots up to 1 1/8” are acceptable with the check not exceeding 1/16”.
- Bark pocket are allowed as long as they do not affect the integrity of the veneer
- No rot or decay is allowed
- No worm tracks allowed
- Solid knots up to half the width of the veneer surface are acceptable as long as the veneer is sound.
- No fingerjoints are allowed unless the veneer is 100” or longer. No fingerjoints in Edge bands. If fingerjointed, fingerjoints must be tight. They must also be grain and color matched such that the fingerjoints are relatively imperceptible.
- Pith with unlimited cracks is acceptable as long as they do not affect the integrity of the veneer
- Gum Spots or streaks are allowed unlimited
- Leaf scar is allowed and unlimited
- Birds eye is allowed and unlimited
- Mineral streaks are allowed and unlimited.
- Pin Knots are allowed and unlimited.