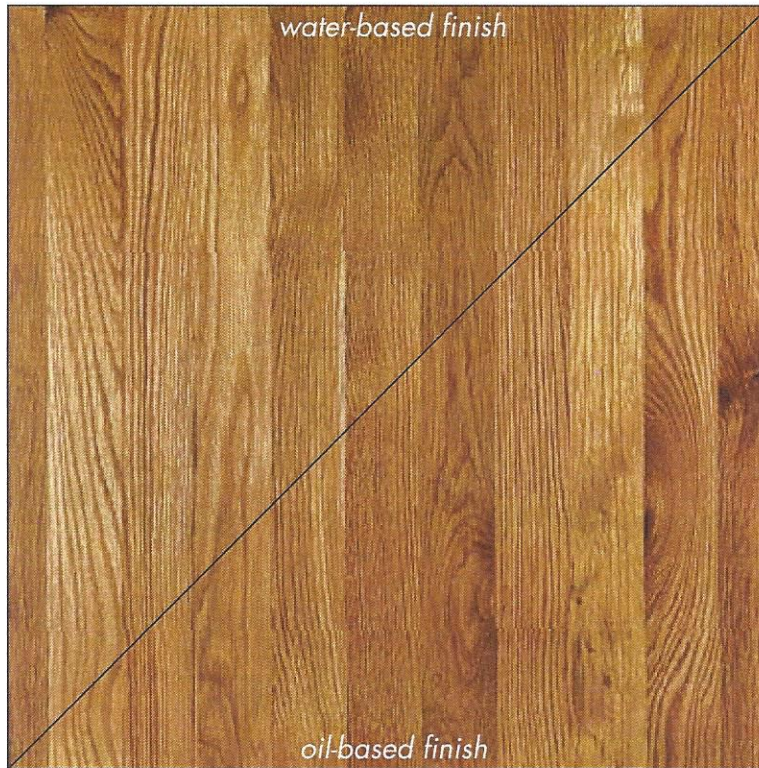


OAK, WHITE

Quercus spp.



Appearance

COLOR: Heartwood is light brown; some boards may have a pinkish tint or a slight grayish cast. Sapwood is white to cream.

GRAIN: Open, with longer rays than red oak. Occasional crotches, swirls and burls. Plainsawn boards have a plumed or flared grain appearance; riftsawn has a tighter grain pattern, low figuring; quartersawn has a flake pattern, sometimes called tiger rays or butterflies.

VARIATIONS WITHIN SPECIES AND GRADES: Considerable variation among boards in color and grain texture, but variations not as pronounced as in red oak.

Properties

HARDNESS (JANKA): 1360.
DIMENSIONAL STABILITY: Average.

Workability

NAILING: No known problems.
SANDING: Sands satisfactorily if the correct sanding sequence is followed.

Suggested Sequence

First Cut: 50 or 60 at a 7-15 degree angle with the grain

Second Cut: 60 or 80 straight with the grain

Third Cut: 80 or 100

Hard Plate: 100

Screen: 80 or 100

FINISHING: During the finishing process, tannins at the surface can react with some liquids to turn the wood green or brown. This effect tends to be more pronounced with products that have a high water content, such as wood bleach and water-based finishes. Stains very well and accepts stain evenly.

Origin

North America.

Availability

Easily available.