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Fraxinus americana

Fraxinus americana (white ash or American ash) is a species of *Fraxinus* native to eastern North America found in mesophytic hardwood forests from Nova Scotia west to Minnesota, south to northern Florida, and southwest to eastern Texas.

American White Ash is similar in appearance to European Ash.

Wood type

Hardwood

Sapwood Colour

Light coloured to nearly white. The degree and availability of light coloured sapwood, and other properties, will vary according to the growing regions.

Heartwood Colour

Varies from greyish brown to light brown, to pale yellow streaked with brown.

Grain

Generally straight grained.

Texture

Coarse uniform texture.

Ease Of Drying

American White Ash dries fairly easily with minimal degrade. Kiln dried stock supplied.



Movement In Service

There is little movement in performance.

Natural Durability

Non-resistant to heartwood decay. The sapwood is liable to attack by powder post and the common furniture beetle. The heartwood is moderately resistant to preservative treatment and the sapwood is permeable.

Specific Gravity: 0.60 (12% M.C.)

Average Weight: 673 kg/m³ (12% M.C.)

Average Volumetric Shrinkage: 10.7% (Green to 6% M.C.)

Modulus of Elasticity: 11,977 MPa

Hardness: 5871 N

Moulding Properties : Machines Well

Gluing

Good.

Nailing

Good.

Screwing

Good.

Polishing

Polishes to a very good finish.

Staining

Stains to a good finish.

Steam Bending

Excellent shock resistance and is good for steam bending.

Strength

Very good overall strength properties relative to its weight.

Uses

American White Ash is non-resistant to heartwood decay. The sapwood is liable to attack by powder post and the common furniture beetle. The heartwood is moderately resistant to preservative treatment and the sapwood is permeable.



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American White Ash

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