

• TIMBER SPECIES DATASHEET •

ASH

(Fraxinus)



★ Wood Type	Hardwood
★ Durability	Class 3 - Moderately durable
★ Average Service Life	15-20 years (without treatment)
★ Treatability	Easy
★ Moisture Movement	Moderate
★ Density (mean, Kg/m³)	640-720
★ Texture	Moderately fine
★ Use(s)	Furniture, Cabinetry, Millwork, Tool Handles, Flooring
★ Colour(s)	Pale to light brown with a pronounced grain pattern

Environmental

Ash wood (*Fraxinus* spp.) is not typically listed on the IUCN Red List. It is commonly available from responsibly managed sources, and sustainable forestry practices are often in place to ensure responsible harvesting.

The Tree

Ash trees are medium to large, reaching heights of up to 20-40 meters, depending on the species. They have straight, cylindrical trunks and produce compound leaves. Ash trees are known for their valuable timber and are often associated with flexibility and strength.

Drying

Ash wood dries well with minimal risk of defects if properly managed. It is important to control the drying process to prevent issues like warping or checking.

Working Qualities

Ash wood is relatively easy to work with due to its straight grain and fine texture. It machines, cuts, and planes smoothly, making it popular among woodworkers. Ash takes stains, finishes, and paints well, allowing for various design possibilities.

Distribution

Ash wood is native to various parts of the world, including North America and Europe. It is widely cultivated and highly regarded for its high-quality timber, making it one of the most popular hardwoods.

The Timber

Ash wood is known for its pale to light brown color, often with a pronounced grain pattern. It has a moderately fine texture and typically features a straight grain. The wood is moderately heavy and durable.

Strength

Ash wood is appreciated for its strength and flexibility, making it a popular choice for applications where bending is required. It is a robust and stable wood that can withstand various stressors.