

American Black Walnut

Juglans nigra

Also known as: American walnut, black walnut.



WOOD TYPE Hardwood

INTRODUCTION –

ENVIRONMENTAL Not listed in CITES. Believed available from well-managed sources.

DISTRIBUTION Black walnut is widely distributed throughout North America from south Ontario southward to Texas, and in the east from Maine to Florida, but it is not plentiful, firstly because its growth is scattered, and secondly, because of the clearing of ground for cultivation and the demands for the timber have exhausted the supply in many areas.

THE TREE Under favourable conditions, the tree attains a height of 30m and a diameter of 1.5m or more, the bole often being clear for 15m to 18m.

THE TIMBER The sapwood is usually narrow, and pale brown in colour, the heartwood varying in colour from rich chocolate-brown to a purplish-black. The wood has a fine even texture and a rather coarse grain, and weighs about 660 kg/m³ when dried.

DRYING Dries rather slowly with a tendency to honeycombing.

STRENGTH –

WORKING QUALITIES Good - The timber is moderately hard, tough, strong and is easily worked. It finishes well and takes an excellent polish.

Durability	Moderately durable	Chemical Properties	–
Treatability	Extremely difficult	Colour(s)	Dark brown/black (rich dark brown)
Moisture Movement	Medium	Use(s)	Furniture
Density (mean, Kg/m³)	660		
Texture	Coarse		