

Walnut (America)

Specification sheet



WALNUT

<u>Other Name(s):</u>	Black Walnut
<u>Scientific Name:</u>	Juglans nigra
<u>Distribution:</u>	USA, Canada
<u>Average Dried Weight:</u>	660 kg/M3
<u>Durability:</u>	Moderately Durable
<u>Janka Hardness:</u>	4.5 (kN)
<u>Modulus of Rupture/Bending Strength</u>	(101MPa)
<u>Modulus of Elasticity/ stiffness:</u>	(12 GPa)
<u>Strength:</u>	6.5 (on scale 1-10)

Seasoning:

- Dries slowly with a tendency to honeycombing.

Characteristics:

- The wood has a fine even texture but a rather coarse grain.
- The colour is a rich chocolate-brown to purplish-black.
- The sapwood is pale brown, however with conditioning through steaming the sapwood is coloured to the heartwood shade.

Working Qualities:

- The timber is moderately hard, tough and strong, however it is easily worked.
- It can have a dulling effect on cutters but the timber is capable of a good finish.
- It finishes well and takes an excellent polish.

Uses:

- Fine furniture, high-class joinery, gun stocks, musical instruments.

Product Attributes:

- Uniform chocolate-brown / black.
- Machines well.
- Veneers available.
- Strong grain figure.
- Flat sawn.
- Good staining and polishing qualities.

Product Limitations:

- Quality of timber poor.
- Seldom over 3.0m.
- No fixed widths.
- American grading rules apply.

