

# Walnut ( America)

Specification sheet



WALNUT

<b><u>Other Name(s):</u></b>	Black Walnut
<b><u>Scientific Name:</u></b>	<i>Juglans nigra</i>
<b><u>Distribution:</u></b>	USA, Canada
<b><u>Average Dried Weight:</u></b>	660 kg/M3
<b><u>Durability:</u></b>	Moderately Durable
<b><u>Janka Hardness:</u></b>	4.5 ( kN)
<b><u>Modulus of Rupture/Bending Strength</u></b>	( 101MPa)
<b><u>Modulus of Elasticity/ stiffness:</u></b>	( 12 GPa)
<b><u>Strength Group:</u></b>	SD5

## 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.

