

Beech (European)

Specification sheet



<u>Other Name(s):</u>	Beech
<u>Scientific Name:</u>	Fagus sylvatica
<u>Distribution:</u>	Europe
<u>Average Dried Weight:</u>	720 kg/M3
<u>Durability:</u>	None Durable
<u>Janka Hardness:</u>	(6.5 kN)
<u>Modulus of Rupture/Bending Strength</u>	(109 MPa)
<u>Modulus of Elasticity/ stiffness:</u>	(13.3 GPa)
<u>Strength:</u>	SD4

EUROPEAN BEECH

Seasoning:

- Dries fairly rapidly but tends to warp, twist, check and split.
- Steaming which reduces the tension in the timber is normally introduced.
- This process however colours the timber to pink / red.

Characteristics:

- No clear distinction between heartwood and sapwood by colour, which varies from cream to pink / red depending on the amount of steaming the timber is given.
- The wood is typically straight grained with a fine even texture but varying in density according to the locality of growth.

Working Qualities:

- Works well and is capable of good smooth surfaces. Good turning and bending properties.

Uses:

- Works well and is capable of good smooth surfaces. Good turning and bending properties.
- Used extensively in Europe for domestic woodware, tool handles and flooring.
- Produces good veneer.

Product Attributes:

- Consistent colour, pale pink.
- Machines and turns well.
- Good bending properties.
- Straight grained with a fine even texture.
- Stains and polishes satisfactorily well
- Veneers available.

Product Limitations

- Will discolour to pale yellow with time.
- Generally narrow with no fixed widths.
- Lengths seldom above 3.0m.