

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> | SD8 |

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.